

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044872.D
 Acq On : 10 Feb 2025 12:05
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 02:01:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 01:47:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	129508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	236372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	183093	96.580	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 193.160%#			
35) Dibromofluoromethane	5.373	113	151228	98.404	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 196.800%#			
50) Toluene-d8	8.647	98	570976	98.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 196.500%#			
62) 4-Bromofluorobenzene	11.079	95	196066	100.079	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 200.160%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	182788	100.632	ug/l	99
3) Chloromethane	1.301	50	208416	94.275	ug/l	99
4) Vinyl Chloride	1.374	62	209017	97.593	ug/l	100
5) Bromomethane	1.593	94	62797	97.984	ug/l	97
6) Chloroethane	1.660	64	64581	100.253	ug/l	98
7) Trichlorofluoromethane	1.868	101	262354	96.865	ug/l	99
8) Diethyl Ether	2.130	74	95914	97.647	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	163414	99.860	ug/l	100
10) Methyl Iodide	2.441	142	212118	100.016	ug/l	99
11) Tert butyl alcohol	3.002	59	165263	469.903	ug/l #	73
12) 1,1-Dichloroethene	2.307	96	163593	98.004	ug/l	98
13) Acrolein	2.233	56	180570	497.628	ug/l	99
14) Allyl chloride	2.654	41	297526	98.624	ug/l	98
15) Acrylonitrile	3.063	53	466855	497.173	ug/l	99
16) Acetone	2.386	43	369720	485.125	ug/l	99
17) Carbon Disulfide	2.502	76	463308	101.216	ug/l	99
18) Methyl Acetate	2.703	43	238689	99.249	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	521003	98.098	ug/l	100
20) Methylene Chloride	2.782	84	180120	96.490	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	164067	99.864	ug/l	95
22) Diisopropyl ether	3.758	45	565927	99.157	ug/l	95
23) Vinyl Acetate	3.715	43	2387200	513.051	ug/l	100
24) 1,1-Dichloroethane	3.599	63	313164	98.064	ug/l	99
25) 2-Butanone	4.550	43	617283	498.801	ug/l	98
26) 2,2-Dichloropropane	4.465	77	248324	98.053	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	196381	99.513	ug/l	99
28) Bromochloromethane	4.885	49	148137	96.524	ug/l	100
29) Tetrahydrofuran	4.995	42	405208	493.104	ug/l	100
30) Chloroform	5.087	83	298690	96.445	ug/l	99
31) Cyclohexane	5.458	56	286830	97.426	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	254941	97.050	ug/l	100
36) 1,1-Dichloropropene	5.684	75	216005	97.422	ug/l	100
37) Ethyl Acetate	4.709	43	244164	99.005	ug/l	99
38) Carbon Tetrachloride	5.666	117	210381	96.828	ug/l	97
39) Methylcyclohexane	7.373	83	299703	104.554	ug/l	98
40) Benzene	6.025	78	675556	97.576	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044872.D
 Acq On : 10 Feb 2025 12:05
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 02:01:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 01:47:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	135629	102.745	ug/l	99
42) 1,2-Dichloroethane	6.080	62	218174	98.875	ug/l	100
43) Isopropyl Acetate	6.336	43	405489	101.818	ug/l	100
44) Trichloroethene	7.117	130	156832	99.103	ug/l	96
45) 1,2-Dichloropropane	7.422	63	170337	98.893	ug/l	97
46) Dibromomethane	7.574	93	119149	99.747	ug/l	100
47) Bromodichloromethane	7.818	83	236506	102.254	ug/l	97
48) Methyl methacrylate	7.690	41	195892	104.321	ug/l	100
49) 1,4-Dioxane	7.659	88	77816	1931.508	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1196887	494.353	ug/l	100
52) Toluene	8.714	92	409318	99.270	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	249725	106.694	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	277371	106.287	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	156629	98.817	ug/l	100
56) Ethyl methacrylate	9.116	69	268693	104.958	ug/l	99
57) 1,3-Dichloropropane	9.305	76	273845	98.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	664198	528.405	ug/l	100
59) 2-Hexanone	9.427	43	871904	499.819	ug/l	99
60) Dibromochloromethane	9.519	129	173848	102.557	ug/l	100
61) 1,2-Dibromoethane	9.604	107	162982	101.451	ug/l	98
64) Tetrachloroethene	9.269	164	125294	97.447	ug/l	100
65) Chlorobenzene	10.073	112	436565	99.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	144793	102.728	ug/l	100
67) Ethyl Benzene	10.189	91	784184	101.477	ug/l	100
68) m/p-Xylenes	10.299	106	575559	201.907	ug/l	99
69) o-Xylene	10.640	106	281830	98.530	ug/l	100
70) Styrene	10.653	104	473403	102.728	ug/l	99
71) Bromoform	10.799	173	112371	106.827	ug/l #	99
73) Isopropylbenzene	10.957	105	719923	97.854	ug/l	99
74) N-amyl acetate	10.842	43	345193	103.687	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	238529	94.351	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	198320m	97.896	ug/l	
77) Bromobenzene	11.195	156	163845	98.230	ug/l	100
78) n-propylbenzene	11.299	91	858793	101.132	ug/l	100
79) 2-Chlorotoluene	11.360	91	497149	95.257	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	584885	97.966	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	83483	106.006	ug/l	98
82) 4-Chlorotoluene	11.451	91	569510	98.634	ug/l	100
83) tert-Butylbenzene	11.713	119	591396	97.917	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	588385	99.851	ug/l	99
85) sec-Butylbenzene	11.890	105	749534	100.219	ug/l	99
86) p-Isopropyltoluene	12.006	119	607577	101.019	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	303851	99.061	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	303417	97.830	ug/l	99
89) n-Butylbenzene	12.329	91	583634	109.686	ug/l	100
90) Hexachloroethane	12.536	117	117533	104.365	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	293151	97.244	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	47745	103.477	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	193214	105.921	ug/l	99
94) Hexachlorobutadiene	13.725	225	74605	103.024	ug/l	99
95) Naphthalene	13.774	128	689104	104.505	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	190534	103.659	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
Data File : VX044872.D
Acq On : 10 Feb 2025 12:05
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 02:01:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 01:47:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
Data File : VX044872.D
Acq On : 10 Feb 2025 12:05
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Feb 11 02:01:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 01:47:50 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

