

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044802.D
 Acq On : 03 Feb 2025 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:00:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	162430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	297715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	252415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117965	48.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.220%		
35) Dibromofluoromethane	5.379	113	99232	52.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.940%		
50) Toluene-d8	8.641	98	371824	56.382	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	112.760%		
62) 4-Bromofluorobenzene	11.079	95	130114	52.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	104350	47.741	ug/l	100
3) Chloromethane	1.301	50	122617	51.877	ug/l	100
4) Vinyl Chloride	1.374	62	124437	53.283	ug/l	97
5) Bromomethane	1.593	94	32108	57.578	ug/l	100
6) Chloroethane	1.660	64	22426m	52.365	ug/l	
7) Trichlorofluoromethane	1.868	101	155099	60.090	ug/l	99
8) Diethyl Ether	2.130	74	51512	49.453	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	103805	53.500	ug/l	98
10) Methyl Iodide	2.441	142	132750	50.112	ug/l	97
11) Tert butyl alcohol	2.977	59	111502m	204.000	ug/l	
12) 1,1-Dichloroethene	2.307	96	103312	54.321	ug/l	98
13) Acrolein	2.233	56	55610	216.204	ug/l	98
14) Allyl chloride	2.654	41	182859	49.381	ug/l	97
15) Acrylonitrile	3.062	53	284374	265.265	ug/l	99
16) Acetone	2.380	43	235232	242.503	ug/l	97
17) Carbon Disulfide	2.502	76	274133	52.823	ug/l	99
18) Methyl Acetate	2.697	43	160361	53.585	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	337910	49.052	ug/l	97
20) Methylene Chloride	2.782	84	113693	50.330	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	100823	50.775	ug/l	99
22) Diisopropyl ether	3.751	45	353913	54.981	ug/l	97
23) Vinyl Acetate	3.715	43	1458707	258.911	ug/l	100
24) 1,1-Dichloroethane	3.599	63	198603	52.029	ug/l	100
25) 2-Butanone	4.550	43	373119	258.709	ug/l	98
26) 2,2-Dichloropropane	4.465	77	168163	45.456	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	125972	50.436	ug/l	97
28) Bromochloromethane	4.885	49	90867	50.943	ug/l	94
29) Tetrahydrofuran	4.995	42	240754	258.796	ug/l	96
30) Chloroform	5.080	83	188807	49.012	ug/l	99
31) Cyclohexane	5.458	56	177264	57.418	ug/l	93
32) 1,1,1-Trichloroethane	5.367	97	160997	45.461	ug/l	99
36) 1,1-Dichloropropene	5.678	75	133384	50.662	ug/l	99
37) Ethyl Acetate	4.702	43	146622	52.295	ug/l	96
38) Carbon Tetrachloride	5.666	117	135277	45.680	ug/l	97
39) Methylcyclohexane	7.373	83	187791	53.731	ug/l	99
40) Benzene	6.025	78	428598	52.535	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044802.D
 Acq On : 03 Feb 2025 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:00:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	82519	50.508	ug/l	99
42) 1,2-Dichloroethane	6.074	62	135051	45.355	ug/l	100
43) Isopropyl Acetate	6.330	43	253694	49.187	ug/l	99
44) Trichloroethene	7.117	130	100231	51.104	ug/l	95
45) 1,2-Dichloropropane	7.421	63	109264	53.206	ug/l	97
46) Dibromomethane	7.574	93	73965	47.313	ug/l	99
47) Bromodichloromethane	7.812	83	149483	46.626	ug/l	99
48) Methyl methacrylate	7.684	41	119095	49.744	ug/l	98
49) 1,4-Dioxane	7.659	88	45154	903.978	ug/l	100
51) 4-Methyl-2-Pentanone	8.568	43	734014	257.519	ug/l	99
52) Toluene	8.714	92	261673	52.403	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	159515	48.158	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	175713	48.923	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	100638	49.814	ug/l	97
56) Ethyl methacrylate	9.110	69	170918	49.203	ug/l	99
57) 1,3-Dichloropropane	9.305	76	172698	50.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	427737	250.814	ug/l	97
59) 2-Hexanone	9.427	43	531025	253.231	ug/l	100
60) Dibromochloromethane	9.513	129	111967	47.219	ug/l	99
61) 1,2-Dibromoethane	9.604	107	102485	48.405	ug/l	99
64) Tetrachloroethene	9.269	164	78776	49.701	ug/l	98
65) Chlorobenzene	10.073	112	277930	51.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	93479	47.975	ug/l	99
67) Ethyl Benzene	10.189	91	496981	53.125	ug/l	100
68) m/p-Xylenes	10.299	106	371687	107.068	ug/l	97
69) o-Xylene	10.640	106	181303	51.643	ug/l	99
70) Styrene	10.653	104	302980	53.453	ug/l	97
71) Bromoform	10.799	173	73161	46.133	ug/l #	100
73) Isopropylbenzene	10.957	105	462864	55.630	ug/l	100
74) N-amyl acetate	10.842	43	214304	52.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	151416	52.692	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126793m	51.297	ug/l	
77) Bromobenzene	11.195	156	103391	53.164	ug/l	98
78) n-propylbenzene	11.299	91	543610	59.244	ug/l	99
79) 2-Chlorotoluene	11.360	91	318475	53.730	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	388082	57.296	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.012	75	54681	50.591	ug/l	97
82) 4-Chlorotoluene	11.451	91	375241	57.791	ug/l	99
83) tert-Butylbenzene	11.713	119	355525	50.199	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	351562	51.077	ug/l	98
85) sec-Butylbenzene	11.890	105	430027	52.148	ug/l	100
86) p-Isopropyltoluene	12.006	119	364463	53.781	ug/l	98
87) 1,3-Dichlorobenzene	11.963	146	179777	53.304	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	176282	51.704	ug/l	100
89) n-Butylbenzene	12.329	91	341907	58.741	ug/l	99
90) Hexachloroethane	12.536	117	78195	50.955	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	183157	52.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29314	41.712	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	120382	58.139	ug/l	99
94) Hexachlorobutadiene	13.719	225	47155	57.977	ug/l	98
95) Naphthalene	13.774	128	435692	54.557	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	119840	55.837	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
Data File : VX044802.D
Acq On : 03 Feb 2025 09:52
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:00:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 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\VX020325\
Data File : VX044802.D
Acq On : 03 Feb 2025 09:52
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:00:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

