

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045315.D
 Acq On : 18 Mar 2025 11:16
 Operator : JC/MD
 Sample : VX0318WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Quant Time: Mar 19 01:40:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85669	53.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	5.379	113	63666	52.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	8.647	98	223393	51.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	78279	54.144	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23648	18.561	ug/l	96
3) Chloromethane	1.307	50	26060	16.714	ug/l	96
4) Vinyl Chloride	1.374	62	24585	15.895	ug/l	99
5) Bromomethane	1.593	94	11086	18.232	ug/l	97
6) Chloroethane	1.666	64	14472	20.285	ug/l	97
7) Trichlorofluoromethane	1.874	101	38112	18.613	ug/l	98
8) Diethyl Ether	2.136	74	13147	16.415	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	24411	20.751	ug/l	98
10) Methyl Iodide	2.441	142	27544	18.736	ug/l	97
11) Tert butyl alcohol	2.977	59	23962	78.575	ug/l	97
12) 1,1-Dichloroethene	2.307	96	22967	18.466	ug/l	93
13) Acrolein	2.233	56	18007	51.080	ug/l	100
14) Allyl chloride	2.654	41	43853	19.808	ug/l	97
15) Acrylonitrile	3.062	53	81578	99.811	ug/l	99
16) Acetone	2.386	43	74275	99.433	ug/l	100
17) Carbon Disulfide	2.502	76	48265	14.570	ug/l	100
18) Methyl Acetate	2.703	43	44014	24.493	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	82507	19.773	ug/l	97
20) Methylene Chloride	2.782	84	27791	18.782	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	23029	18.742	ug/l	91
22) Diisopropyl ether	3.757	45	91341	20.287	ug/l #	79
23) Vinyl Acetate	3.721	43	368514	98.077	ug/l	100
24) 1,1-Dichloroethane	3.605	63	49698	19.695	ug/l	97
25) 2-Butanone	4.556	43	115779	102.970	ug/l	97
26) 2,2-Dichloropropane	4.477	77	33045	27.919	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	29728	19.599	ug/l	96
28) Bromochloromethane	4.898	49	26265	21.837	ug/l	100
29) Tetrahydrofuran	5.007	42	72963	96.628	ug/l	99
30) Chloroform	5.087	83	51341	20.477	ug/l	98
31) Cyclohexane	5.465	56	40755	18.606	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	40576	20.038	ug/l	99
36) 1,1-Dichloropropene	5.690	75	32750	19.843	ug/l	98
37) Ethyl Acetate	4.721	43	41898	19.701	ug/l	99
38) Carbon Tetrachloride	5.672	117	32994	19.691	ug/l	97
39) Methylcyclohexane	7.373	83	39221	19.833	ug/l	96
40) Benzene	6.031	78	102609	19.688	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045315.D
 Acq On : 18 Mar 2025 11:16
 Operator : JC/MD
 Sample : VX0318WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 01:40:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23090	20.079	ug/l	94
42) 1,2-Dichloroethane	6.086	62	39956	21.290	ug/l	98
43) Isopropyl Acetate	6.342	43	63959	20.338	ug/l	99
44) Trichloroethene	7.117	130	23097	18.874	ug/l	97
45) 1,2-Dichloropropane	7.428	63	26591	19.844	ug/l	98
46) Dibromomethane	7.580	93	19209	20.282	ug/l	99
47) Bromodichloromethane	7.818	83	38279	20.605	ug/l	97
48) Methyl methacrylate	7.690	41	32572	20.645	ug/l	96
49) 1,4-Dioxane	7.665	88	12054	362.201	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	230272	109.054	ug/l	98
52) Toluene	8.714	92	62616	20.477	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	31720	20.424	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	38346	21.174	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	25793	20.490	ug/l	98
56) Ethyl methacrylate	9.116	69	39605	20.698	ug/l	94
57) 1,3-Dichloropropane	9.305	76	44804	20.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	88727	95.056	ug/l	99
59) 2-Hexanone	9.427	43	167637	109.574	ug/l	98
60) Dibromochloromethane	9.519	129	26686	20.275	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25665	20.423	ug/l	99
64) Tetrachloroethene	9.269	164	20403	20.025	ug/l	96
65) Chlorobenzene	10.080	112	66830	19.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22645	20.200	ug/l	97
67) Ethyl Benzene	10.189	91	119008	20.290	ug/l	99
68) m/p-Xylenes	10.299	106	88510	41.222	ug/l	98
69) o-Xylene	10.640	106	43529	20.101	ug/l	96
70) Styrene	10.653	104	73075	20.855	ug/l	98
71) Bromoform	10.799	173	16873	19.960	ug/l #	96
73) Isopropylbenzene	10.957	105	115722	21.006	ug/l	99
74) N-amyl acetate	10.842	43	52935	20.478	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	40904	20.233	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33063m	20.126	ug/l	
77) Bromobenzene	11.195	156	26393	20.305	ug/l	98
78) n-propylbenzene	11.299	91	133799	21.500	ug/l	98
79) 2-Chlorotoluene	11.360	91	81371	20.531	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93706	21.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9303	19.380	ug/l #	83
82) 4-Chlorotoluene	11.451	91	90708	21.000	ug/l	100
83) tert-Butylbenzene	11.713	119	94270	20.597	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	95258	21.253	ug/l	99
85) sec-Butylbenzene	11.890	105	118093	21.540	ug/l	99
86) p-Isopropyltoluene	12.006	119	93774	21.165	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46929	20.238	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	46719	19.915	ug/l	98
89) n-Butylbenzene	12.329	91	81793	21.434	ug/l	99
90) Hexachloroethane	12.536	117	15561	19.417	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	47575	20.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7898	20.053	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	26039	19.660	ug/l	99
94) Hexachlorobutadiene	13.725	225	11193	20.613	ug/l	99
95) Naphthalene	13.774	128	99469	19.547	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27553	19.719	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

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

