

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046232.D
 Acq On : 16 May 2025 11:01
 Operator : JC/MD
 Sample : VX0516WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

Quant Time: May 16 23:01:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	88353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81601	49.540	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.080%		
35) Dibromofluoromethane	5.379	113	56154	51.619	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.240%		
50) Toluene-d8	8.647	98	189597	50.355	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.720%		
62) 4-Bromofluorobenzene	11.079	95	74433	51.537	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	25082	18.548	ug/l	95
3) Chloromethane	1.307	50	22778	17.369	ug/l	97
4) Vinyl Chloride	1.374	62	21238	17.401	ug/l	95
5) Bromomethane	1.593	94	10223	18.059	ug/l	99
6) Chloroethane	1.673	64	12794	19.636	ug/l	98
7) Trichlorofluoromethane	1.874	101	34675	19.223	ug/l	99
8) Diethyl Ether	2.136	74	11555	18.818	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	21420	19.189	ug/l	99
10) Methyl Iodide	2.447	142	22811	17.270	ug/l	100
11) Tert butyl alcohol	2.971	59	24022	103.895	ug/l	99
12) 1,1-Dichloroethene	2.313	96	18925	18.064	ug/l	96
13) Acrolein	2.233	56	24592	93.393	ug/l	98
14) Allyl chloride	2.660	41	39327	19.641	ug/l	95
15) Acrylonitrile	3.063	53	70027	105.918	ug/l	99
16) Acetone	2.380	43	67264	101.847	ug/l	99
17) Carbon Disulfide	2.502	76	38730	15.593	ug/l	99
18) Methyl Acetate	2.703	43	36039	23.515	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	73263	19.946	ug/l	95
20) Methylene Chloride	2.782	84	23162	18.301	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	19102	18.131	ug/l	97
22) Diisopropyl ether	3.764	45	77955	20.156	ug/l	97
23) Vinyl Acetate	3.721	43	341111	100.276	ug/l	99
24) 1,1-Dichloroethane	3.605	63	42367	19.667	ug/l	99
25) 2-Butanone	4.556	43	101848	106.222	ug/l	98
26) 2,2-Dichloropropane	4.465	77	31552	18.713	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	24247	19.117	ug/l	99
28) Bromochloromethane	4.898	49	19668	18.968	ug/l	98
29) Tetrahydrofuran	5.001	42	63610	105.872	ug/l	98
30) Chloroform	5.087	83	44518	19.827	ug/l	92
31) Cyclohexane	5.458	56	35911	18.294	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	37902	19.473	ug/l	99
36) 1,1-Dichloropropene	5.684	75	28122	19.240	ug/l	99
37) Ethyl Acetate	4.715	43	38285	21.201	ug/l	98
38) Carbon Tetrachloride	5.672	117	31550	19.211	ug/l	99
39) Methylcyclohexane	7.373	83	34868	18.530	ug/l	95
40) Benzene	6.038	78	85436	19.956	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046232.D
 Acq On : 16 May 2025 11:01
 Operator : JC/MD
 Sample : VX0516WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

Quant Time: May 16 23:01:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21075	22.310	ug/l	96
42) 1,2-Dichloroethane	6.080	62	38548	20.862	ug/l	99
43) Isopropyl Acetate	6.342	43	57854	21.000	ug/l	99
44) Trichloroethene	7.123	130	20348	19.747	ug/l	97
45) 1,2-Dichloropropane	7.428	63	22208	20.861	ug/l	97
46) Dibromomethane	7.580	93	17621	20.987	ug/l	98
47) Bromodichloromethane	7.818	83	35075	21.210	ug/l	95
48) Methyl methacrylate	7.690	41	30953	22.000	ug/l	97
49) 1,4-Dioxane	7.659	88	11846	443.430	ug/l	96
51) 4-Methyl-2-Pentanone	8.568	43	200886	109.853	ug/l	100
52) Toluene	8.714	92	53216	20.271	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28679	19.511	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	32980	20.300	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	21611	20.878	ug/l	98
56) Ethyl methacrylate	9.116	69	35846	21.728	ug/l	98
57) 1,3-Dichloropropane	9.305	76	38110	20.500	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	84515	100.484	ug/l	100
59) 2-Hexanone	9.427	43	151872	112.255	ug/l	99
60) Dibromochloromethane	9.519	129	23978	21.092	ug/l	99
61) 1,2-Dibromoethane	9.604	107	22877	21.264	ug/l	98
64) Tetrachloroethene	9.269	164	19249	20.159	ug/l	93
65) Chlorobenzene	10.080	112	57734	19.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	19963	19.792	ug/l	99
67) Ethyl Benzene	10.189	91	102815	19.746	ug/l	100
68) m/p-Xylenes	10.299	106	76209	40.018	ug/l	97
69) o-Xylene	10.640	106	37233	20.055	ug/l	97
70) Styrene	10.653	104	61765	20.309	ug/l	98
71) Bromoform	10.799	173	14898	19.673	ug/l #	98
73) Isopropylbenzene	10.957	105	101181	20.397	ug/l	99
74) N-amyl acetate	10.842	43	49723	20.285	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35191	20.244	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31872m	20.781	ug/l	
77) Bromobenzene	11.195	156	23114	20.070	ug/l	99
78) n-propylbenzene	11.299	91	117330	20.342	ug/l	100
79) 2-Chlorotoluene	11.360	91	74235	19.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86060	20.766	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8753	18.581	ug/l	91
82) 4-Chlorotoluene	11.451	91	83730	20.295	ug/l	99
83) tert-Butylbenzene	11.713	119	84059	20.137	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	85584	20.393	ug/l	100
85) sec-Butylbenzene	11.890	105	105170	20.519	ug/l	99
86) p-Isopropyltoluene	12.006	119	86620	20.474	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41814	19.894	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	42145	19.634	ug/l	99
89) n-Butylbenzene	12.329	91	73715	19.864	ug/l	99
90) Hexachloroethane	12.536	117	14098	18.915	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	43127	20.448	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8172	21.220	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	23011	18.995	ug/l	96
94) Hexachlorobutadiene	13.725	225	10364	19.589	ug/l	98
95) Naphthalene	13.774	128	84231	18.958	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	23883	19.107	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
Data File : VX046232.D
Acq On : 16 May 2025 11:01
Operator : JC/MD
Sample : VX0516WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

Quant Time: May 16 23:01:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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

