

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046188.D
 Acq On : 14 May 2025 12:46
 Operator : JC/MD
 Sample : VX0514WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2025
 Supervised By : Mahesh Dadoda 05/15/2025

Quant Time: May 15 01:20:28 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	5.550	168	87880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85335	52.085	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.180%			
35) Dibromofluoromethane	5.385	113	57455	51.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.460%			
50) Toluene-d8	8.647	98	199212	51.320	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	11.079	95	74687	50.159	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26995	20.070	ug/l	100
3) Chloromethane	1.307	50	25169	19.296	ug/l	99
4) Vinyl Chloride	1.374	62	22810	18.790	ug/l	97
5) Bromomethane	1.599	94	10194	18.105	ug/l	97
6) Chloroethane	1.672	64	13982	21.575	ug/l	94
7) Trichlorofluoromethane	1.880	101	36109	20.126	ug/l	97
8) Diethyl Ether	2.136	74	12284	20.113	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	21842	19.672	ug/l	98
10) Methyl Iodide	2.447	142	21998	16.744	ug/l	100
11) Tert butyl alcohol	2.971	59	23307	101.345	ug/l	100
12) 1,1-Dichloroethene	2.312	96	19697	18.902	ug/l	98
13) Acrolein	2.233	56	26796	102.311	ug/l	98
14) Allyl chloride	2.660	41	38866	19.516	ug/l	98
15) Acrylonitrile	3.062	53	67508	102.658	ug/l	98
16) Acetone	2.379	43	65605	99.869	ug/l	100
17) Carbon Disulfide	2.507	76	41074	16.626	ug/l	99
18) Methyl Acetate	2.703	43	34574	22.681	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	71925	19.688	ug/l	98
20) Methylene Chloride	2.788	84	23524	18.687	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	19669	18.769	ug/l	99
22) Diisopropyl ether	3.763	45	76577	19.906	ug/l	97
23) Vinyl Acetate	3.721	43	330012	97.536	ug/l	99
24) 1,1-Dichloroethane	3.605	63	42800	19.975	ug/l	98
25) 2-Butanone	4.556	43	99939	104.792	ug/l	97
26) 2,2-Dichloropropane	4.471	77	29524	17.605	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	24825	19.678	ug/l	99
28) Bromochloromethane	4.897	49	23678	22.958	ug/l	96
29) Tetrahydrofuran	5.007	42	62179	104.047	ug/l	99
30) Chloroform	5.092	83	46068	20.628	ug/l	98
31) Cyclohexane	5.458	56	37670	19.293	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	38635	19.957	ug/l	98
36) 1,1-Dichloropropene	5.690	75	28745	19.076	ug/l	99
37) Ethyl Acetate	4.721	43	35215	18.915	ug/l	99
38) Carbon Tetrachloride	5.672	117	32596	19.252	ug/l	97
39) Methylcyclohexane	7.379	83	34808	17.942	ug/l	98
40) Benzene	6.031	78	87577	19.841	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21111	21.676	ug/l	99
42) 1,2-Dichloroethane	6.080	62	38323	20.117	ug/l	100
43) Isopropyl Acetate	6.342	43	56154	19.771	ug/l	100
44) Trichloroethene	7.123	130	20027	18.852	ug/l	96
45) 1,2-Dichloropropane	7.427	63	22439	20.445	ug/l	98
46) Dibromomethane	7.580	93	17173	19.839	ug/l	100
47) Bromodichloromethane	7.818	83	33688	19.759	ug/l	97
48) Methyl methacrylate	7.689	41	28733	19.809	ug/l	99
49) 1,4-Dioxane	7.659	88	12597	457.379	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	195785	103.848	ug/l	98
52) Toluene	8.714	92	52893	19.543	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	27932	18.432	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31770	18.968	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	21999	20.614	ug/l	95
56) Ethyl methacrylate	9.116	69	33817	19.882	ug/l	99
57) 1,3-Dichloropropane	9.305	76	37857	19.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	90312	104.151	ug/l	100
59) 2-Hexanone	9.427	43	144738	103.768	ug/l	98
60) Dibromochloromethane	9.518	129	23073	19.687	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22060	19.889	ug/l	97
64) Tetrachloroethene	9.268	164	18113	18.518	ug/l	95
65) Chlorobenzene	10.079	112	57364	18.958	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20101	19.455	ug/l	99
67) Ethyl Benzene	10.195	91	103376	19.381	ug/l	99
68) m/p-Xylenes	10.299	106	76474	39.202	ug/l	100
69) o-Xylene	10.640	106	37066	19.490	ug/l	97
70) Styrene	10.652	104	62259	19.984	ug/l	99
71) Bromoform	10.799	173	14407	18.572	ug/l #	98
73) Isopropylbenzene	10.957	105	100059	20.308	ug/l	100
74) N-amyl acetate	10.841	43	47294	19.425	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	34952	20.243	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29943m	19.656	ug/l	
77) Bromobenzene	11.195	156	22192	19.401	ug/l	99
78) n-propylbenzene	11.299	91	112157	19.578	ug/l	99
79) 2-Chlorotoluene	11.360	91	72402	19.594	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	83635	20.319	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7362	15.734	ug/l	89
82) 4-Chlorotoluene	11.451	91	83144	20.290	ug/l	98
83) tert-Butylbenzene	11.713	119	82342	19.860	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	82697	19.839	ug/l	99
85) sec-Butylbenzene	11.890	105	100532	19.748	ug/l	99
86) p-Isopropyltoluene	12.006	119	82358	19.599	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40253	19.282	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	40957	19.211	ug/l	97
89) n-Butylbenzene	12.329	91	68625	18.618	ug/l	100
90) Hexachloroethane	12.536	117	13714	18.525	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	41875	19.989	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7781	20.343	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	21623	17.971	ug/l	98
94) Hexachlorobutadiene	13.725	225	10135	19.287	ug/l	99
95) Naphthalene	13.774	128	81431	18.453	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	23467	18.902	ug/l	98

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

