

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041525\
 Data File : VX045788.D
 Acq On : 15 Apr 2025 10:42
 Operator : JC/MD
 Sample : VX0415WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/16/2025
 Supervised By : Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 01:38:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87618	52.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.880%			
35) Dibromofluoromethane	5.379	113	59665	51.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.500%			
50) Toluene-d8	8.647	98	201232	49.522	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	11.079	95	77382	52.281	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26547	19.613	ug/l	99
3) Chloromethane	1.307	50	24208	17.409	ug/l	100
4) Vinyl Chloride	1.374	62	22589	17.751	ug/l	98
5) Bromomethane	1.593	94	10943	18.136	ug/l	98
6) Chloroethane	1.672	64	14470	21.432	ug/l	95
7) Trichlorofluoromethane	1.880	101	37139	19.572	ug/l	97
8) Diethyl Ether	2.136	74	13079	20.529	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	21903	19.698	ug/l	100
10) Methyl Iodide	2.447	142	26435	19.060	ug/l	99
11) Tert butyl alcohol	2.971	59	23311	104.799	ug/l	100
12) 1,1-Dichloroethene	2.312	96	20308	18.691	ug/l	99
13) Acrolein	2.233	56	30946	101.029	ug/l	97
14) Allyl chloride	2.660	41	40655	19.721	ug/l	99
15) Acrylonitrile	3.062	53	73763	105.054	ug/l	99
16) Acetone	2.379	43	70133	103.192	ug/l	97
17) Carbon Disulfide	2.507	76	41487	15.460	ug/l	100
18) Methyl Acetate	2.703	43	38373	24.523	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	77697	20.442	ug/l	100
20) Methylene Chloride	2.782	84	24818	19.505	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	20725	18.671	ug/l	96
22) Diisopropyl ether	3.757	45	83543	20.572	ug/l #	84
23) Vinyl Acetate	3.721	43	354993	101.177	ug/l	100
24) 1,1-Dichloroethane	3.605	63	44264	19.273	ug/l	100
25) 2-Butanone	4.556	43	105924	106.472	ug/l	99
26) 2,2-Dichloropropane	4.471	77	33543	22.606	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	26757	19.785	ug/l	99
28) Bromochloromethane	4.891	49	22381	20.166	ug/l #	18
29) Tetrahydrofuran	5.001	42	66386	102.925	ug/l	99
30) Chloroform	5.092	83	48750	20.629	ug/l	96
31) Cyclohexane	5.464	56	37075	18.261	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	40652	20.330	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29527	18.784	ug/l	99
37) Ethyl Acetate	4.714	43	39123	19.750	ug/l	98
38) Carbon Tetrachloride	5.672	117	34054	20.046	ug/l	97
39) Methylcyclohexane	7.379	83	35917	18.641	ug/l	95
40) Benzene	6.031	78	91174	18.992	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	22200	21.240	ug/l	99
42) 1,2-Dichloroethane	6.086	62	41278	20.818	ug/l	100
43) Isopropyl Acetate	6.342	43	62377	20.776	ug/l	100
44) Trichloroethene	7.123	130	21502	18.844	ug/l	90
45) 1,2-Dichloropropane	7.427	63	24115	20.133	ug/l	98
46) Dibromomethane	7.580	93	18431	20.045	ug/l	98
47) Bromodichloromethane	7.818	83	37291	20.308	ug/l	99
48) Methyl methacrylate	7.696	41	31950	20.611	ug/l	99
49) 1,4-Dioxane	7.665	88	12691	452.502	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	213825	107.434	ug/l	99
52) Toluene	8.714	92	56496	19.448	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30259	18.640	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	35237	20.420	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	23912	20.657	ug/l	96
56) Ethyl methacrylate	9.116	69	37274	20.806	ug/l	98
57) 1,3-Dichloropropane	9.305	76	41280	20.479	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	99342	109.619	ug/l	98
59) 2-Hexanone	9.427	43	159157	107.987	ug/l	99
60) Dibromochloromethane	9.518	129	25483	20.193	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23780	20.294	ug/l	99
64) Tetrachloroethene	9.268	164	20349	19.899	ug/l	97
65) Chlorobenzene	10.079	112	61505	19.872	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	20996	19.539	ug/l	99
67) Ethyl Benzene	10.189	91	109518	19.757	ug/l	97
68) m/p-Xylenes	10.299	106	79608	39.485	ug/l	98
69) o-Xylene	10.640	106	39771	20.025	ug/l	100
70) Styrene	10.652	104	66790	20.375	ug/l	98
71) Bromoform	10.799	173	16202	20.194	ug/l #	98
73) Isopropylbenzene	10.957	105	107069	19.679	ug/l	100
74) N-amyl acetate	10.841	43	51327	19.721	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	37463	19.601	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	32546m	19.643	ug/l	
77) Bromobenzene	11.195	156	24660	19.616	ug/l	99
78) n-propylbenzene	11.299	91	119894	19.131	ug/l	99
79) 2-Chlorotoluene	11.360	91	77225	19.275	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88526	19.676	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9288	19.025	ug/l	94
82) 4-Chlorotoluene	11.451	91	87858	19.668	ug/l	99
83) tert-Butylbenzene	11.713	119	87139	19.563	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	89708	19.866	ug/l	97
85) sec-Butylbenzene	11.890	105	108211	19.779	ug/l	100
86) p-Isopropyltoluene	12.006	119	88372	19.593	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43964	19.212	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	44489	19.177	ug/l	96
89) n-Butylbenzene	12.329	91	75366	19.269	ug/l	100
90) Hexachloroethane	12.536	117	14491	18.694	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	44549	19.581	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8531	21.342	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	24117	19.044	ug/l	99
94) Hexachlorobutadiene	13.725	225	10402	19.061	ug/l	99
95) Naphthalene	13.774	128	91463	19.408	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	25417	19.167	ug/l	99

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

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