

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045878.D
 Acq On : 22 Apr 2025 12:34
 Operator : JC/MD
 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
 Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 01:33:06 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	89480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156080	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82027	50.128	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.260%			
35) Dibromofluoromethane	5.379	113	57186	51.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.280%			
50) Toluene-d8	8.647	98	194436	50.304	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.600%			
62) 4-Bromofluorobenzene	11.079	95	73859	52.460	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27324	20.419	ug/l	100
3) Chloromethane	1.307	50	26974	19.621	ug/l	97
4) Vinyl Chloride	1.374	62	24755	19.676	ug/l	100
5) Bromomethane	1.599	94	11946	20.025	ug/l	95
6) Chloroethane	1.672	64	14252	21.351	ug/l	97
7) Trichlorofluoromethane	1.880	101	40456	21.564	ug/l	97
8) Diethyl Ether	2.130	74	12822	20.357	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	24431	22.223	ug/l	98
10) Methyl Iodide	2.447	142	29411	21.449	ug/l	97
11) Tert butyl alcohol	2.971	59	23817	108.302	ug/l	98
12) 1,1-Dichloroethene	2.312	96	21994	20.475	ug/l	90
13) Acrolein	2.233	56	33115	109.350	ug/l	98
14) Allyl chloride	2.660	41	43480	21.333	ug/l	98
15) Acrylonitrile	3.062	53	71726	103.324	ug/l	99
16) Acetone	2.380	43	67863	100.997	ug/l	97
17) Carbon Disulfide	2.508	76	52167	19.663	ug/l	99
18) Methyl Acetate	2.703	43	34277	22.157	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	81003	21.556	ug/l	99
20) Methylene Chloride	2.782	84	26213	20.838	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	23234	21.171	ug/l	99
22) Diisopropyl ether	3.757	45	84883	21.142	ug/l #	87
23) Vinyl Acetate	3.715	43	375388	108.217	ug/l	100
24) 1,1-Dichloroethane	3.605	63	47637	20.980	ug/l	100
25) 2-Butanone	4.556	43	104288	106.030	ug/l	100
26) 2,2-Dichloropropane	4.465	77	35723	24.351	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27982	20.928	ug/l	96
28) Bromochloromethane	4.885	49	26862	24.481	ug/l	96
29) Tetrahydrofuran	5.001	42	65074	102.047	ug/l	100
30) Chloroform	5.086	83	50501	21.615	ug/l	100
31) Cyclohexane	5.464	56	42373	21.109	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	42542	21.519	ug/l	100
36) 1,1-Dichloropropene	5.690	75	33094	22.134	ug/l	98
37) Ethyl Acetate	4.708	43	39655	21.045	ug/l	99
38) Carbon Tetrachloride	5.666	117	36851	22.805	ug/l	99
39) Methylcyclohexane	7.373	83	42325	23.093	ug/l	94
40) Benzene	6.031	78	97693	21.393	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	22159	22.289	ug/l	98
42) 1,2-Dichloroethane	6.080	62	42170	22.359	ug/l	100
43) Isopropyl Acetate	6.336	43	60885	21.319	ug/l	98
44) Trichloroethene	7.117	130	23608	21.751	ug/l	100
45) 1,2-Dichloropropane	7.427	63	24727	21.702	ug/l	98
46) Dibromomethane	7.580	93	19180	21.929	ug/l	97
47) Bromodichloromethane	7.818	83	38502	22.043	ug/l	98
48) Methyl methacrylate	7.690	41	32562	22.083	ug/l	99
49) 1,4-Dioxane	7.659	88	12239	458.767	ug/l	100
51) 4-Methyl-2-Pentanone	8.567	43	210106	110.980	ug/l	99
52) Toluene	8.714	92	59731	21.617	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	32534	20.771	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	38013	23.159	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	24790	22.514	ug/l	98
56) Ethyl methacrylate	9.116	69	38639	22.675	ug/l	98
57) 1,3-Dichloropropane	9.305	76	42664	22.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	82858	96.119	ug/l	100
59) 2-Hexanone	9.427	43	154098	109.916	ug/l	100
60) Dibromochloromethane	9.519	129	26947	22.448	ug/l	98
61) 1,2-Dibromoethane	9.610	107	25204	22.612	ug/l	98
64) Tetrachloroethene	9.269	164	20667	21.647	ug/l	96
65) Chlorobenzene	10.073	112	65097	22.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22756	22.684	ug/l	97
67) Ethyl Benzene	10.189	91	117529	22.710	ug/l	99
68) m/p-Xylenes	10.299	106	86478	45.944	ug/l	100
69) o-Xylene	10.640	106	42109	22.710	ug/l	98
70) Styrene	10.652	104	71024	23.208	ug/l	98
71) Bromoform	10.799	173	16493	22.019	ug/l #	94
73) Isopropylbenzene	10.957	105	114796	22.285	ug/l	100
74) N-amyl acetate	10.841	43	53623	21.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38288	21.158	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	33341m	21.254	ug/l	
77) Bromobenzene	11.195	156	25552	21.468	ug/l	98
78) n-propylbenzene	11.299	91	131539	22.169	ug/l	99
79) 2-Chlorotoluene	11.360	91	82172	21.663	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	97827	22.966	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8821	19.085	ug/l	90
82) 4-Chlorotoluene	11.451	91	95187	22.507	ug/l	99
83) tert-Butylbenzene	11.713	119	95902	22.741	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	96695	22.617	ug/l	100
85) sec-Butylbenzene	11.890	105	119303	23.033	ug/l	100
86) p-Isopropyltoluene	12.006	119	97802	22.902	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47460	21.906	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	46928	21.365	ug/l	96
89) n-Butylbenzene	12.329	91	85566	23.107	ug/l	100
90) Hexachloroethane	12.536	117	16446	22.409	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	47804	22.193	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8307	21.950	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	26169	21.826	ug/l	99
94) Hexachlorobutadiene	13.719	225	11605	22.461	ug/l	99
95) Naphthalene	13.774	128	97250	21.796	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	27353	21.786	ug/l	97

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

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