

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045880.D
 Acq On : 22 Apr 2025 13:21
 Operator : JC/MD
 Sample : VX0422WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 01:33:38 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	5.544	168	85590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84846	54.207	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.420%			
35) Dibromofluoromethane	5.379	113	58111	53.388	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.780%			
50) Toluene-d8	8.647	98	190984	50.270	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.540%			
62) 4-Bromofluorobenzene	11.079	95	72714	52.545	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23573	18.416	ug/l	98
3) Chloromethane	1.307	50	24178	18.386	ug/l	95
4) Vinyl Chloride	1.374	62	21920	18.215	ug/l	99
5) Bromomethane	1.593	94	10672	18.703	ug/l	98
6) Chloroethane	1.672	64	13042	20.427	ug/l	96
7) Trichlorofluoromethane	1.880	101	35736	19.914	ug/l	100
8) Diethyl Ether	2.130	74	12391	20.567	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	21110	20.075	ug/l	99
10) Methyl Iodide	2.447	142	27038	20.614	ug/l	98
11) Tert butyl alcohol	2.971	59	24662	117.241	ug/l	96
12) 1,1-Dichloroethene	2.313	96	19701	19.174	ug/l	98
13) Acrolein	2.233	56	35782	123.526	ug/l	99
14) Allyl chloride	2.660	41	40270	20.656	ug/l	99
15) Acrylonitrile	3.062	53	71093	107.067	ug/l	99
16) Acetone	2.380	43	67980	105.769	ug/l	97
17) Carbon Disulfide	2.508	76	44624	17.584	ug/l	97
18) Methyl Acetate	2.703	43	34899	23.584	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	78274	21.777	ug/l	98
20) Methylene Chloride	2.788	84	24820	20.627	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	21280	20.272	ug/l	98
22) Diisopropyl ether	3.757	45	81170	21.136	ug/l #	84
23) Vinyl Acetate	3.721	43	364748	109.928	ug/l	100
24) 1,1-Dichloroethane	3.605	63	44239	20.369	ug/l	98
25) 2-Butanone	4.556	43	104368	110.934	ug/l	100
26) 2,2-Dichloropropane	4.465	77	31076	22.146	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	25809	20.180	ug/l	96
28) Bromochloromethane	4.891	49	26756	25.493	ug/l #	98
29) Tetrahydrofuran	5.007	42	66723	109.389	ug/l	100
30) Chloroform	5.093	83	47931	21.448	ug/l	94
31) Cyclohexane	5.464	56	38767	20.191	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	38874	20.557	ug/l	100
36) 1,1-Dichloropropene	5.684	75	30093	20.476	ug/l	98
37) Ethyl Acetate	4.715	43	39151	21.139	ug/l	99
38) Carbon Tetrachloride	5.672	117	33297	20.964	ug/l	99
39) Methylcyclohexane	7.373	83	36839	20.449	ug/l	97
40) Benzene	6.031	78	91843	20.462	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21825	22.334	ug/l	100
42) 1,2-Dichloroethane	6.086	62	41291	22.273	ug/l	100
43) Isopropyl Acetate	6.336	43	60577	21.580	ug/l	99
44) Trichloroethene	7.123	130	21182	19.855	ug/l	93
45) 1,2-Dichloropropane	7.428	63	23557	21.035	ug/l	96
46) Dibromomethane	7.580	93	19008	22.110	ug/l	98
47) Bromodichloromethane	7.818	83	36228	21.101	ug/l	97
48) Methyl methacrylate	7.690	41	31825	21.958	ug/l	100
49) 1,4-Dioxane	7.659	88	12967	494.505	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	208799	112.207	ug/l	99
52) Toluene	8.714	92	55201	20.325	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	31265	20.359	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34469	21.365	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	23167	21.406	ug/l	97
56) Ethyl methacrylate	9.116	69	38040	22.711	ug/l	97
57) 1,3-Dichloropropane	9.305	76	40541	21.511	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	80075	94.505	ug/l	100
59) 2-Hexanone	9.427	43	152683	110.800	ug/l	99
60) Dibromochloromethane	9.519	129	25056	21.236	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24351	22.226	ug/l	97
64) Tetrachloroethene	9.269	164	18746	19.911	ug/l	97
65) Chlorobenzene	10.079	112	60174	21.117	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	21147	21.376	ug/l	99
67) Ethyl Benzene	10.189	91	108037	21.169	ug/l	98
68) m/p-Xylenes	10.299	106	78316	42.192	ug/l	98
69) o-Xylene	10.640	106	39584	21.648	ug/l	100
70) Styrene	10.653	104	64648	21.421	ug/l	98
71) Bromoform	10.799	173	16191	21.919	ug/l #	100
73) Isopropylbenzene	10.957	105	102391	21.161	ug/l	99
74) N-amyl acetate	10.842	43	53601	23.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37030	21.785	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	31765m	21.558	ug/l	
77) Bromobenzene	11.195	156	22820	20.411	ug/l	96
78) n-propylbenzene	11.299	91	118013	21.174	ug/l	100
79) 2-Chlorotoluene	11.360	91	74564	20.927	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86857	21.708	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8735	20.119	ug/l	93
82) 4-Chlorotoluene	11.451	91	86187	21.695	ug/l	100
83) tert-Butylbenzene	11.713	119	86798	21.911	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	87802	21.863	ug/l	99
85) sec-Butylbenzene	11.890	105	105482	21.680	ug/l	100
86) p-Isopropyltoluene	12.006	119	86395	21.538	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	42815	21.038	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	42957	20.821	ug/l	97
89) n-Butylbenzene	12.329	91	72912	20.961	ug/l	99
90) Hexachloroethane	12.536	117	14307	20.754	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	44194	21.842	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8502	23.917	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	24080	21.381	ug/l	99
94) Hexachlorobutadiene	13.725	225	10299	21.221	ug/l	98
95) Naphthalene	13.774	128	91756	21.893	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	25453	21.583	ug/l	98

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

