

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045591.D
 Acq On : 04 Apr 2025 12:04
 Operator : JC/MD
 Sample : Q1711-02MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225MS

Quant Time: Apr 04 23:11:21 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2025
 Supervised By : Mahesh Dadoda 04/07/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82614	53.228	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.460%			
35) Dibromofluoromethane	5.379	113	55683	50.836	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	8.647	98	194235	50.804	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.600%			
62) 4-Bromofluorobenzene	11.079	95	73975	53.120	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	67133	52.891	ug/l	98
3) Chloromethane	1.301	50	67765	51.969	ug/l	97
4) Vinyl Chloride	1.374	62	63807	53.470	ug/l	98
5) Bromomethane	1.593	94	28156	49.761	ug/l	99
6) Chloroethane	1.660	64	32023	50.579	ug/l	100
7) Trichlorofluoromethane	1.868	101	87557	49.204	ug/l	97
8) Diethyl Ether	2.130	74	30881	51.690	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	51983	49.853	ug/l	98
10) Methyl Iodide	2.441	142	65918	50.682	ug/l	98
11) Tert butyl alcohol	2.989	59	54825	262.838	ug/l	100
12) 1,1-Dichloroethene	2.307	96	51450	50.496	ug/l	99
13) Acrolein	2.233	56	86595	301.472	ug/l	99
14) Allyl chloride	2.654	41	101301	52.400	ug/l	99
15) Acrylonitrile	3.063	53	169829	257.927	ug/l	100
16) Acetone	2.386	43	165210	259.222	ug/l	99
17) Carbon Disulfide	2.502	76	123194	48.955	ug/l	99
18) Methyl Acetate	2.703	43	78724	53.650	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	187482	52.601	ug/l	99
20) Methylene Chloride	2.782	84	60251	50.497	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	52111	50.062	ug/l	99
22) Diisopropyl ether	3.764	45	197510	51.865	ug/l	97
23) Vinyl Acetate	3.721	43	901097	273.871	ug/l	99
24) 1,1-Dichloroethane	3.605	63	110230	51.183	ug/l	100
25) 2-Butanone	4.556	43	246533	264.259	ug/l	99
26) 2,2-Dichloropropane	4.471	77	78555	56.455	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	133119	104.968	ug/l	96
28) Bromochloromethane	4.891	49	52993	50.918	ug/l	97
29) Tetrahydrofuran	5.001	42	162118	268.033	ug/l	99
30) Chloroform	5.087	83	113174	51.070	ug/l	97
31) Cyclohexane	5.465	56	93472	49.094	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	95681	51.026	ug/l	99
36) 1,1-Dichloropropene	5.684	75	73004	49.362	ug/l	98
37) Ethyl Acetate	4.715	43	92666	49.720	ug/l	99
38) Carbon Tetrachloride	5.666	117	80883	50.603	ug/l	95
39) Methylcyclohexane	7.379	83	88776	48.969	ug/l	97
40) Benzene	6.031	78	223833	49.555	ug/l	100

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41) Methacrylonitrile	4.922	41	52898	53.792	ug/l	99
42) 1,2-Dichloroethane	6.080	62	95516	51.199	ug/l	100
43) Isopropyl Acetate	6.342	43	147747	52.304	ug/l	99
44) Trichloroethene	7.117	130	79074	73.655	ug/l	97
45) 1,2-Dichloropropane	7.428	63	56617	50.237	ug/l	98
46) Dibromomethane	7.574	93	43998	50.857	ug/l	98
47) Bromodichloromethane	7.818	83	86485	50.058	ug/l	97
48) Methyl methacrylate	7.690	41	77910	53.418	ug/l	98
49) 1,4-Dioxane	7.659	88	27082	1026.301	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	500710	267.387	ug/l	100
52) Toluene	8.714	92	134349	49.155	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	78488	47.367	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	87327	53.787	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	55207	50.689	ug/l	96
56) Ethyl methacrylate	9.116	69	91670	54.386	ug/l	99
57) 1,3-Dichloropropane	9.305	76	96618	50.944	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	39463	46.282	ug/l	100
59) 2-Hexanone	9.427	43	373976	269.685	ug/l	99
60) Dibromochloromethane	9.519	129	62616	52.736	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57515	52.167	ug/l	97
64) Tetrachloroethene	9.269	164	44500	46.109	ug/l	97
65) Chlorobenzene	10.073	112	145232	49.720	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	50931	50.223	ug/l	100
67) Ethyl Benzene	10.189	91	264983	50.652	ug/l	100
68) m/p-Xylenes	10.299	106	193193	101.535	ug/l	100
69) o-Xylene	10.640	106	95904	51.166	ug/l	98
70) Styrene	10.653	104	163226	52.762	ug/l	99
71) Bromoform	10.799	173	40448	53.418	ug/l #	97
73) Isopropylbenzene	10.957	105	251863	48.431	ug/l	100
74) N-amyl acetate	10.842	43	130118	52.306	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89186	48.819	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76754m	48.466	ug/l	
77) Bromobenzene	11.195	156	57978	48.251	ug/l	100
78) n-propylbenzene	11.305	91	295835	49.387	ug/l	100
79) 2-Chlorotoluene	11.360	91	185225	48.369	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	213377	49.619	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22958	49.201	ug/l	96
82) 4-Chlorotoluene	11.451	91	212300	49.723	ug/l	100
83) tert-Butylbenzene	11.713	119	211417	49.658	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	214201	49.627	ug/l	99
85) sec-Butylbenzene	11.890	105	263221	50.337	ug/l	99
86) p-Isopropyltoluene	12.006	119	215878	50.074	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	105426	48.200	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	106695	48.117	ug/l	99
89) n-Butylbenzene	12.329	91	193978	51.887	ug/l	99
90) Hexachloroethane	12.536	117	37819	51.044	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	105351	48.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20401	53.397	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	59595	49.234	ug/l	100
94) Hexachlorobutadiene	13.725	225	25397	48.691	ug/l	98
95) Naphthalene	13.774	128	228969	50.831	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62422	49.248	ug/l	99

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

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