

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044711.D
 Acq On : 27 Jan 2025 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 28 04:06:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	172369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	318376	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	277935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	123095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123157	47.336	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.680%		
35) Dibromofluoromethane	5.373	113	100788	49.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.660%		
50) Toluene-d8	8.641	98	355984	50.477	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.960%		
62) 4-Bromofluorobenzene	11.079	95	134456	51.142	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	111623	48.124	ug/l	97
3) Chloromethane	1.294	50	133778	53.335	ug/l	100
4) Vinyl Chloride	1.374	62	129310	52.177	ug/l	100
5) Bromomethane	1.593	94	31277	52.854	ug/l	97
6) Chloroethane	1.660	64	30670m	67.485	ug/l	
7) Trichlorofluoromethane	1.867	101	134485	49.099	ug/l	98
8) Diethyl Ether	2.130	74	47069	42.582	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	105487	51.232	ug/l	99
10) Methyl Iodide	2.440	142	140845	50.103	ug/l	97
11) Tert butyl alcohol	2.971	59	133032m	229.357	ug/l	
12) 1,1-Dichloroethene	2.312	96	105513	52.279	ug/l	92
13) Acrolein	2.233	56	148664	544.657	ug/l	99
14) Allyl chloride	2.654	41	200142	50.932	ug/l	97
15) Acrylonitrile	3.056	53	304312	267.495	ug/l	98
16) Acetone	2.379	43	247835	240.764	ug/l	96
17) Carbon Disulfide	2.501	76	291079	52.854	ug/l	99
18) Methyl Acetate	2.696	43	169609	53.407	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	378923	51.834	ug/l	100
20) Methylene Chloride	2.782	84	126568	52.799	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	106458	50.522	ug/l	96
22) Diisopropyl ether	3.751	45	382549	56.003	ug/l	98
23) Vinyl Acetate	3.715	43	1630552	272.725	ug/l	100
24) 1,1-Dichloroethane	3.599	63	213198	52.632	ug/l	100
25) 2-Butanone	4.550	43	404966	264.600	ug/l	99
26) 2,2-Dichloropropane	4.464	77	181991	46.357	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	135384	51.078	ug/l	99
28) Bromochloromethane	4.885	49	97603	51.564	ug/l	98
29) Tetrahydrofuran	4.995	42	260029	263.398	ug/l	98
30) Chloroform	5.080	83	207551	50.771	ug/l	96
31) Cyclohexane	5.452	56	176773	53.957	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	170957	45.490	ug/l	99
36) 1,1-Dichloropropene	5.684	75	137792	48.940	ug/l	99
37) Ethyl Acetate	4.702	43	160916	53.669	ug/l	99
38) Carbon Tetrachloride	5.665	117	144163	45.521	ug/l	98
39) Methylcyclohexane	7.372	83	191285	51.179	ug/l	98
40) Benzene	6.025	78	452521	51.868	ug/l	98

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41) Methacrylonitrile	4.910	41	91356	52.289	ug/l	98
42) 1,2-Dichloroethane	6.074	62	155155	48.725	ug/l	100
43) Isopropyl Acetate	6.330	43	284981	51.667	ug/l	100
44) Trichloroethene	7.116	130	105738	50.413	ug/l	98
45) 1,2-Dichloropropane	7.421	63	116931	53.245	ug/l	98
46) Dibromomethane	7.574	93	83999	50.244	ug/l	100
47) Bromodichloromethane	7.811	83	170245	49.656	ug/l	98
48) Methyl methacrylate	7.683	41	137818	53.829	ug/l	99
49) 1,4-Dioxane	7.665	88	52981	991.841	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	805406	264.229	ug/l	100
52) Toluene	8.714	92	275176	51.531	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	185440	52.351	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	196861	51.254	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	111881	51.785	ug/l	99
56) Ethyl methacrylate	9.110	69	196250	52.829	ug/l	99
57) 1,3-Dichloropropane	9.305	76	193983	52.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	450749	247.155	ug/l	98
59) 2-Hexanone	9.427	43	578675	258.046	ug/l	99
60) Dibromochloromethane	9.518	129	130942	51.638	ug/l	99
61) 1,2-Dibromoethane	9.604	107	116099	51.277	ug/l	99
64) Tetrachloroethene	9.268	164	84859	48.623	ug/l	98
65) Chlorobenzene	10.073	112	301484	51.069	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	104268	48.599	ug/l	98
67) Ethyl Benzene	10.189	91	520975	50.576	ug/l	98
68) m/p-Xylenes	10.299	106	390083	102.049	ug/l	99
69) o-Xylene	10.640	106	193241	49.989	ug/l	99
70) Styrene	10.652	104	331210	53.068	ug/l	98
71) Bromoform	10.799	173	86906	49.769	ug/l #	98
73) Isopropylbenzene	10.957	105	480397	47.772	ug/l	100
74) N-amyl acetate	10.841	43	240430	48.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	169562	48.822	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	142785m	47.797	ug/l	
77) Bromobenzene	11.195	156	116886	49.729	ug/l	99
78) n-propylbenzene	11.299	91	562742	50.743	ug/l	100
79) 2-Chlorotoluene	11.360	91	348599	48.661	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	402748	49.198	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	64582	49.439	ug/l	98
82) 4-Chlorotoluene	11.451	91	396992	50.588	ug/l	99
83) tert-Butylbenzene	11.713	119	402232	46.992	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	404571	48.633	ug/l	99
85) sec-Butylbenzene	11.890	105	491434	49.309	ug/l	99
86) p-Isopropyltoluene	12.006	119	404929	49.439	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	212027	52.016	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	211171	51.247	ug/l	98
89) n-Butylbenzene	12.329	91	370043	52.602	ug/l	99
90) Hexachloroethane	12.536	117	85234	45.956	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	205003	48.972	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34674	40.823	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	132044	52.765	ug/l	99
94) Hexachlorobutadiene	13.725	225	48609	49.450	ug/l	98
95) Naphthalene	13.774	128	484495	50.197	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	133922	51.628	ug/l	100

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

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