

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044891.D
 Acq On : 10 Feb 2025 19:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 06:11:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	115948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	191319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78682	46.358	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.720%		
35) Dibromofluoromethane	5.379	113	63440	45.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.460%		
50) Toluene-d8	8.647	98	237006	44.684	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.360%		
62) 4-Bromofluorobenzene	11.079	95	82358	46.059	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77221	47.485	ug/l	98
3) Chloromethane	1.301	50	96397	48.704	ug/l	99
4) Vinyl Chloride	1.374	62	91075	47.498	ug/l	97
5) Bromomethane	1.593	94	28390	49.478	ug/l	96
6) Chloroethane	1.660	64	32296	42.133	ug/l	94
7) Trichlorofluoromethane	1.867	101	116922	48.218	ug/l	97
8) Diethyl Ether	2.136	74	42735	48.595	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	68797	46.958	ug/l	100
10) Methyl Iodide	2.447	142	97419	51.306	ug/l	99
11) Tert butyl alcohol	2.983	59	83894	266.439	ug/l	100
12) 1,1-Dichloroethene	2.306	96	73574	49.231	ug/l	98
13) Acrolein	2.233	56	95871	295.107	ug/l	99
14) Allyl chloride	2.654	41	135533	50.181	ug/l	99
15) Acrylonitrile	3.062	53	224480	267.016	ug/l	98
16) Acetone	2.386	43	179829	263.557	ug/l	98
17) Carbon Disulfide	2.502	76	200125	48.833	ug/l	97
18) Methyl Acetate	2.703	43	116030	53.889	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	247199	51.988	ug/l	100
20) Methylene Chloride	2.782	84	82837	49.565	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	73728	50.125	ug/l	95
22) Diisopropyl ether	3.757	45	267639	52.378	ug/l	98
23) Vinyl Acetate	3.715	43	1125714	270.230	ug/l	99
24) 1,1-Dichloroethane	3.605	63	144915	50.685	ug/l	98
25) 2-Butanone	4.556	43	303934	274.319	ug/l	98
26) 2,2-Dichloropropane	4.471	77	103730	45.749	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	91233	51.638	ug/l	97
28) Bromochloromethane	4.891	49	65658	47.785	ug/l	100
29) Tetrahydrofuran	5.001	42	198201	269.401	ug/l	99
30) Chloroform	5.086	83	140239	50.578	ug/l	99
31) Cyclohexane	5.464	56	123375	46.807	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	116926	49.716	ug/l	99
36) 1,1-Dichloropropene	5.684	75	95829	47.355	ug/l	99
37) Ethyl Acetate	4.715	43	116299	51.668	ug/l	100
38) Carbon Tetrachloride	5.672	117	94537	47.672	ug/l	99
39) Methylcyclohexane	7.373	83	124154	47.455	ug/l	99
40) Benzene	6.031	78	314544	49.777	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	65275	54.178	ug/l	99
42) 1,2-Dichloroethane	6.080	62	104957	52.115	ug/l	99
43) Isopropyl Acetate	6.336	43	194726	53.572	ug/l	100
44) Trichloroethene	7.123	130	71158	49.266	ug/l	97
45) 1,2-Dichloropropane	7.427	63	80414	51.151	ug/l	99
46) Dibromomethane	7.574	93	55925	51.296	ug/l	99
47) Bromodichloromethane	7.818	83	110205	52.204	ug/l	99
48) Methyl methacrylate	7.690	41	93901	54.789	ug/l	100
49) 1,4-Dioxane	7.659	88	39798	1082.326	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	610241	276.156	ug/l	100
52) Toluene	8.714	92	189645	50.393	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	110530	51.740	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	124522	52.280	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	75589	52.250	ug/l	99
56) Ethyl methacrylate	9.116	69	128175	54.857	ug/l	100
57) 1,3-Dichloropropane	9.305	76	132017	52.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	326171	284.305	ug/l	100
59) 2-Hexanone	9.427	43	445445	279.774	ug/l	100
60) Dibromochloromethane	9.519	129	82791	53.511	ug/l	99
61) 1,2-Dibromoethane	9.604	107	77866	53.105	ug/l	99
64) Tetrachloroethene	9.269	164	56005	46.418	ug/l	99
65) Chlorobenzene	10.073	112	206256	50.193	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	66711	50.438	ug/l	99
67) Ethyl Benzene	10.189	91	363173	50.082	ug/l	100
68) m/p-Xylenes	10.299	106	269208	100.639	ug/l	99
69) o-Xylene	10.640	106	135252	50.390	ug/l	98
70) Styrene	10.652	104	223631	51.714	ug/l	99
71) Bromoform	10.799	173	51655	52.331	ug/l #	98
73) Isopropylbenzene	10.957	105	338855	49.928	ug/l	100
74) N-amyl acetate	10.841	43	168475	54.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	119242	51.129	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	96224m	51.489	ug/l	
77) Bromobenzene	11.195	156	77606	50.436	ug/l	99
78) n-propylbenzene	11.299	91	394875	50.408	ug/l	100
79) 2-Chlorotoluene	11.360	91	238786	49.597	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	274691	49.875	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36015	49.574	ug/l	96
82) 4-Chlorotoluene	11.451	91	264864	49.726	ug/l	98
83) tert-Butylbenzene	11.713	119	277267	49.764	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	279774	51.468	ug/l	100
85) sec-Butylbenzene	11.890	105	345620	50.095	ug/l	99
86) p-Isopropyltoluene	12.006	119	278839	50.257	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	140288	49.579	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	140405	49.077	ug/l	99
89) n-Butylbenzene	12.329	91	255034	51.957	ug/l	99
90) Hexachloroethane	12.536	117	51905	49.962	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	141887	51.021	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22829	53.634	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	85013	50.520	ug/l	98
94) Hexachlorobutadiene	13.725	225	31079	46.524	ug/l	100
95) Naphthalene	13.774	128	321815	52.905	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	86663	51.110	ug/l	100

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

