

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044826.D
 Acq On : 03 Feb 2025 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:14:21 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	153899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	282190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	236763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100023	43.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.120%		
35) Dibromofluoromethane	5.385	113	84821	47.314	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.620%		
50) Toluene-d8	8.647	98	305193	48.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	11.079	95	100716	43.221	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90549	43.724	ug/l	99
3) Chloromethane	1.300	50	102136	45.607	ug/l	95
4) Vinyl Chloride	1.374	62	106720	48.230	ug/l	98
5) Bromomethane	1.593	94	29444	55.728	ug/l	96
6) Chloroethane	1.660	64	34296	84.521	ug/l	96
7) Trichlorofluoromethane	1.867	101	141652	57.922	ug/l	100
8) Diethyl Ether	2.136	74	45388	45.989	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	91682	49.871	ug/l	98
10) Methyl Iodide	2.440	142	121803	48.529	ug/l	98
11) Tert butyl alcohol	2.983	59	108845	210.178	ug/l #	84
12) 1,1-Dichloroethene	2.306	96	92492	51.328	ug/l	99
13) Acrolein	2.233	56	52813	216.711	ug/l	99
14) Allyl chloride	2.654	41	166552	47.471	ug/l	97
15) Acrylonitrile	3.062	53	282438	278.063	ug/l	99
16) Acetone	2.386	43	223530	243.213	ug/l	97
17) Carbon Disulfide	2.501	76	232324	47.249	ug/l	98
18) Methyl Acetate	2.703	43	164928	58.166	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	316558	48.500	ug/l	98
20) Methylene Chloride	2.782	84	103126	48.183	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	92180	48.996	ug/l	99
22) Diisopropyl ether	3.763	45	335912	55.078	ug/l	90
23) Vinyl Acetate	3.721	43	1388933	260.192	ug/l	99
24) 1,1-Dichloroethane	3.605	63	182847	50.557	ug/l	99
25) 2-Butanone	4.556	43	375361	274.690	ug/l	99
26) 2,2-Dichloropropane	4.471	77	138616	39.546	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	114650	48.447	ug/l	97
28) Bromochloromethane	4.891	49	83772	49.569	ug/l	94
29) Tetrahydrofuran	5.001	42	247988	281.349	ug/l	96
30) Chloroform	5.086	83	175967	48.211	ug/l	100
31) Cyclohexane	5.464	56	158296	54.116	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	148905	44.377	ug/l	100
36) 1,1-Dichloropropene	5.684	75	120787	48.402	ug/l	99
37) Ethyl Acetate	4.714	43	146434	55.102	ug/l	98
38) Carbon Tetrachloride	5.672	117	122108	43.501	ug/l	99
39) Methylcyclohexane	7.372	83	162174	48.954	ug/l	98
40) Benzene	6.031	78	394829	51.058	ug/l	100

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41) Methacrylonitrile	4.922	41	84439	54.527	ug/l	96
42) 1,2-Dichloroethane	6.080	62	126251	44.732	ug/l	100
43) Isopropyl Acetate	6.336	43	242571	49.618	ug/l	99
44) Trichloroethene	7.123	130	90974	48.936	ug/l	95
45) 1,2-Dichloropropane	7.427	63	99891	51.318	ug/l	97
46) Dibromomethane	7.574	93	68368	46.139	ug/l	99
47) Bromodichloromethane	7.818	83	134812	44.363	ug/l	97
48) Methyl methacrylate	7.690	41	114233	50.338	ug/l	98
49) 1,4-Dioxane	7.665	88	43661	922.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	726639	268.957	ug/l	99
52) Toluene	8.714	92	235196	49.692	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	140485	44.746	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	155237	45.600	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	92471	48.290	ug/l	98
56) Ethyl methacrylate	9.116	69	157931	47.966	ug/l	99
57) 1,3-Dichloropropane	9.305	76	161606	49.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	382428	236.583	ug/l	97
59) 2-Hexanone	9.427	43	531841	267.574	ug/l	99
60) Dibromochloromethane	9.518	129	99934	44.463	ug/l	99
61) 1,2-Dibromoethane	9.604	107	94343	47.011	ug/l	98
64) Tetrachloroethene	9.269	164	70288	47.277	ug/l	99
65) Chlorobenzene	10.079	112	245875	48.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80707	44.159	ug/l	97
67) Ethyl Benzene	10.189	91	437525	49.861	ug/l	99
68) m/p-Xylenes	10.299	106	324650	99.701	ug/l	98
69) o-Xylene	10.640	106	161143	48.934	ug/l	98
70) Styrene	10.652	104	264917	49.827	ug/l	98
71) Bromoform	10.799	173	63599	42.755	ug/l #	97
73) Isopropylbenzene	10.957	105	408375	49.285	ug/l	99
74) N-amyl acetate	10.841	43	202220	49.513	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	142263	49.712	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	114547m	46.535	ug/l	
77) Bromobenzene	11.195	156	91569	47.280	ug/l	96
78) n-propylbenzene	11.305	91	467770	51.190	ug/l	100
79) 2-Chlorotoluene	11.360	91	278308	47.148	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	324829	48.156	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	48843	45.377	ug/l	97
82) 4-Chlorotoluene	11.451	91	310639	48.040	ug/l	98
83) tert-Butylbenzene	11.713	119	335444	47.560	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	328436	47.915	ug/l	100
85) sec-Butylbenzene	11.890	105	412467	50.226	ug/l	100
86) p-Isopropyltoluene	12.006	119	329893	48.882	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	165745	49.348	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	161848	47.668	ug/l	99
89) n-Butylbenzene	12.329	91	297882	51.390	ug/l	99
90) Hexachloroethane	12.536	117	65379	42.781	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	165330	47.931	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28028	40.047	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	99256	48.135	ug/l	99
94) Hexachlorobutadiene	13.725	225	37442	46.226	ug/l	98
95) Naphthalene	13.774	128	391881	49.275	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	100674	47.101	ug/l	98

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

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