

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044994.D
 Acq On : 18 Feb 2025 17:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 06:16:40 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	112129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	178376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86401	52.640	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.280%			
35) Dibromofluoromethane	5.379	113	69331	52.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.440%			
50) Toluene-d8	8.647	98	253852	50.565	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.079	95	87475	51.686	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72794	46.287	ug/l	98
3) Chloromethane	1.301	50	84821	44.315	ug/l	99
4) Vinyl Chloride	1.374	62	85310	46.006	ug/l	98
5) Bromomethane	1.593	94	27130	48.893	ug/l	97
6) Chloroethane	1.666	64	51007	81.755	ug/l	96
7) Trichlorofluoromethane	1.874	101	115851	49.403	ug/l	98
8) Diethyl Ether	2.136	74	43105	50.685	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	69163	48.815	ug/l	99
10) Methyl Iodide	2.447	142	93403	50.867	ug/l	98
11) Tert butyl alcohol	2.989	59	63158	207.415	ug/l	100
12) 1,1-Dichloroethene	2.313	96	68745	47.566	ug/l	97
13) Acrolein	2.233	56	72175	229.734	ug/l	100
14) Allyl chloride	2.660	41	128133	49.057	ug/l	97
15) Acrylonitrile	3.062	53	205413	252.658	ug/l	98
16) Acetone	2.380	43	164007	248.555	ug/l	94
17) Carbon Disulfide	2.502	76	176190	44.457	ug/l	97
18) Methyl Acetate	2.703	43	113117	54.325	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	235791	51.277	ug/l	98
20) Methylene Chloride	2.782	84	79048	48.909	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	68453	48.124	ug/l	96
22) Diisopropyl ether	3.757	45	261418	52.903	ug/l	99
23) Vinyl Acetate	3.715	43	1062498	263.741	ug/l	99
24) 1,1-Dichloroethane	3.605	63	139721	50.533	ug/l	99
25) 2-Butanone	4.550	43	274027	255.750	ug/l	95
26) 2,2-Dichloropropane	4.465	77	105832	48.266	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	85485	50.032	ug/l	99
28) Bromochloromethane	4.891	49	59385	44.692	ug/l	99
29) Tetrahydrofuran	4.995	42	179664	252.523	ug/l	99
30) Chloroform	5.086	83	137563	51.302	ug/l	100
31) Cyclohexane	5.464	56	119896	47.036	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	115548	50.804	ug/l	100
36) 1,1-Dichloropropene	5.684	75	94104	49.130	ug/l	99
37) Ethyl Acetate	4.708	43	108342	50.853	ug/l	99
38) Carbon Tetrachloride	5.666	117	92377	49.215	ug/l	98
39) Methylcyclohexane	7.373	83	120502	48.662	ug/l	97
40) Benzene	6.031	78	299424	50.062	ug/l	98

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41) Methacrylonitrile	4.916	41	63108	55.340	ug/l	99
42) 1,2-Dichloroethane	6.080	62	101495	53.244	ug/l	99
43) Isopropyl Acetate	6.336	43	182120	52.936	ug/l	99
44) Trichloroethene	7.123	130	68336	49.986	ug/l	100
45) 1,2-Dichloropropane	7.421	63	76989	51.740	ug/l	99
46) Dibromomethane	7.574	93	52761	51.129	ug/l	98
47) Bromodichloromethane	7.818	83	105644	52.872	ug/l	98
48) Methyl methacrylate	7.690	41	87187	53.747	ug/l	98
49) 1,4-Dioxane	7.659	88	29149	837.521	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	555617	265.647	ug/l	98
52) Toluene	8.714	92	183271	51.451	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104833	51.847	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	118971	52.772	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	71355	52.111	ug/l	99
56) Ethyl methacrylate	9.116	69	118493	53.579	ug/l	98
57) 1,3-Dichloropropane	9.305	76	126527	52.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	300500	276.731	ug/l	99
59) 2-Hexanone	9.427	43	398032	264.123	ug/l	97
60) Dibromochloromethane	9.519	129	76997	52.579	ug/l	98
61) 1,2-Dibromoethane	9.604	107	71530	51.540	ug/l	100
64) Tetrachloroethene	9.269	164	55105	48.986	ug/l	99
65) Chlorobenzene	10.073	112	196658	51.330	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	64645	52.422	ug/l	99
67) Ethyl Benzene	10.189	91	349498	51.694	ug/l	99
68) m/p-Xylenes	10.299	106	255115	102.291	ug/l	98
69) o-Xylene	10.640	106	126762	50.654	ug/l	99
70) Styrene	10.652	104	209492	51.959	ug/l	99
71) Bromoform	10.799	173	47692	51.822	ug/l #	99
73) Isopropylbenzene	10.957	105	326156	51.374	ug/l	100
74) N-amyl acetate	10.841	43	154408	53.747	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	109597	50.237	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89060m	50.945	ug/l	
77) Bromobenzene	11.195	156	73177	50.841	ug/l	98
78) n-propylbenzene	11.299	91	379814	51.831	ug/l	100
79) 2-Chlorotoluene	11.360	91	226927	50.387	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	265862	51.604	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30724	45.210	ug/l	92
82) 4-Chlorotoluene	11.451	91	253928	50.963	ug/l	100
83) tert-Butylbenzene	11.713	119	267252	51.277	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	268293	52.763	ug/l	100
85) sec-Butylbenzene	11.890	105	335922	52.050	ug/l	100
86) p-Isopropyltoluene	12.006	119	271360	52.284	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133582	50.468	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	133976	50.062	ug/l	100
89) n-Butylbenzene	12.329	91	248345	54.087	ug/l	99
90) Hexachloroethane	12.536	117	47465	48.842	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	132838	51.064	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20495	51.474	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	80971	51.439	ug/l	99
94) Hexachlorobutadiene	13.719	225	32023	51.245	ug/l	97
95) Naphthalene	13.774	128	299066	52.558	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	83196	52.452	ug/l	99

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

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