

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035704.D
 Acq On : 17 May 2023 09:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

Quant Time: May 18 04:38:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	197164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	348849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	314822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	144892	42.125	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.240%		
35) Dibromofluoromethane	5.379	113	96671	41.091	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.180%		
50) Toluene-d8	8.647	98	347105	39.938	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	79.880%#		
62) 4-Bromofluorobenzene	11.079	95	143511	41.010	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.020%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	117135	45.586	ug/l	98
3) Chloromethane	1.295	50	131066	42.031	ug/l	100
4) Vinyl Chloride	1.374	62	122897	46.440	ug/l	99
5) Bromomethane	1.618	94	75591	52.741	ug/l	99
6) Chloroethane	1.691	64	78154	48.681	ug/l	99
7) Trichlorofluoromethane	1.886	101	180957	46.505	ug/l	98
8) Diethyl Ether	2.130	74	79411	53.004	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	111728	48.362	ug/l	95
10) Methyl Iodide	2.453	142	112950	54.665	ug/l	90
11) Tert butyl alcohol	3.020	59	144716m	238.476	ug/l	
12) 1,1-Dichloroethene	2.319	96	102093	46.497	ug/l	90
13) Acrolein	2.239	56	153449	213.052	ug/l	99
14) Allyl chloride	2.660	41	224849	47.801	ug/l	93
15) Acrylonitrile	3.069	53	357033	267.186	ug/l	98
16) Acetone	2.398	43	425390	287.750	ug/l	94
17) Carbon Disulfide	2.514	76	222750	42.036	ug/l	99
18) Methyl Acetate	2.703	43	298403	54.732	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	448474	51.329	ug/l	98
20) Methylene Chloride	2.788	84	128978	48.139	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	113624	47.227	ug/l	93
22) Diisopropyl ether	3.758	45	470433	51.079	ug/l	90
23) Vinyl Acetate	3.721	43	1723519	264.480	ug/l	97
24) 1,1-Dichloroethane	3.605	63	243439	49.423	ug/l	97
25) 2-Butanone	4.562	43	559038	273.172	ug/l	99
26) 2,2-Dichloropropane	4.471	77	208082	49.886	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	142625	49.313	ug/l	94
28) Bromochloromethane	4.891	49	113450	51.207	ug/l	95
29) Tetrahydrofuran	5.007	42	334787	260.276	ug/l	98
30) Chloroform	5.087	83	254614	50.445	ug/l	96
31) Cyclohexane	5.471	56	196953	45.322	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	213949	48.718	ug/l	99
36) 1,1-Dichloropropene	5.684	75	175629	47.294	ug/l	98
37) Ethyl Acetate	4.715	43	207924	53.681	ug/l	99
38) Carbon Tetrachloride	5.672	117	171277	48.689	ug/l	98
39) Methylcyclohexane	7.379	83	198769	45.471	ug/l	95
40) Benzene	6.031	78	507334	48.835	ug/l	98

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41) Methacrylonitrile	4.916	41	122877	53.431	ug/l	96
42) 1,2-Dichloroethane	6.080	62	231070	51.707	ug/l	96
43) Isopropyl Acetate	6.336	43	352962	52.258	ug/l	99
44) Trichloroethene	7.123	130	126173	47.899	ug/l	93
45) 1,2-Dichloropropane	7.428	63	140551	51.084	ug/l	99
46) Dibromomethane	7.574	93	99390	52.773	ug/l	93
47) Bromodichloromethane	7.818	83	193412	53.132	ug/l	97
48) Methyl methacrylate	7.690	41	179321	53.797	ug/l	96
49) 1,4-Dioxane	7.726	88	61304	900.288	ug/l #	76
51) 4-Methyl-2-Pentanone	8.574	43	1062662	273.097	ug/l	98
52) Toluene	8.714	92	317878	48.474	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	218023	55.127	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	228894	54.018	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	136346	52.937	ug/l	99
56) Ethyl methacrylate	9.116	69	223169	53.504	ug/l	96
57) 1,3-Dichloropropane	9.305	76	243000	52.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	611281	288.085	ug/l	99
59) 2-Hexanone	9.427	43	814960	278.105	ug/l	97
60) Dibromochloromethane	9.519	129	134757	54.887	ug/l	99
61) 1,2-Dibromoethane	9.604	107	144087	53.096	ug/l	99
64) Tetrachloroethene	9.269	164	98978	46.699	ug/l	92
65) Chlorobenzene	10.080	112	338400	49.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	127439	52.445	ug/l	98
67) Ethyl Benzene	10.189	91	634819	49.116	ug/l	96
68) m/p-Xylenes	10.299	106	467609	97.878	ug/l	96
69) o-Xylene	10.640	106	233410	49.235	ug/l	94
70) Styrene	10.653	104	388229	50.812	ug/l	97
71) Bromoform	10.799	173	86811	54.297	ug/l #	100
73) Isopropylbenzene	10.964	105	603493	47.462	ug/l	98
74) N-amyl acetate	10.842	43	299951	50.595	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	207043	50.196	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	185329m	50.212	ug/l	
77) Bromobenzene	11.195	156	138838	48.107	ug/l	91
78) n-propylbenzene	11.305	91	721013	48.239	ug/l	97
79) 2-Chlorotoluene	11.360	91	445968	47.656	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	517671	47.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	62100	54.224	ug/l	89
82) 4-Chlorotoluene	11.451	91	523423	48.568	ug/l	98
83) tert-Butylbenzene	11.713	119	493238	46.953	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	529082	48.758	ug/l	97
85) sec-Butylbenzene	11.890	105	616883	46.771	ug/l	98
86) p-Isopropyltoluene	12.006	119	519453	47.905	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	260317	47.482	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	268570	48.512	ug/l	98
89) n-Butylbenzene	12.329	91	471990	47.850	ug/l	98
90) Hexachloroethane	12.536	117	80570	49.023	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	260793	48.576	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47395	51.601	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	158446	49.015	ug/l	98
94) Hexachlorobutadiene	13.725	225	59337	46.245	ug/l	98
95) Naphthalene	13.774	128	557087	50.323	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	152625	48.006	ug/l	98

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

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