

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035752.D
 Acq On : 19 May 2023 09:05
 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 : John Carlone 05/22/2023
 Supervised By : Mahesh Dadoda 05/22/2023

Quant Time: May 22 05:11:00 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	223413	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	387717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167326	42.931	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.860%		
35) Dibromofluoromethane	5.379	113	113703	43.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.980%		
50) Toluene-d8	8.647	98	414062	42.866	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.740%#		
62) 4-Bromofluorobenzene	11.079	95	169402	43.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	140869	48.381	ug/l	99
3) Chloromethane	1.294	50	144822	40.986	ug/l	98
4) Vinyl Chloride	1.374	62	143239	47.767	ug/l	100
5) Bromomethane	1.617	94	81266	50.039	ug/l	95
6) Chloroethane	1.691	64	81543	44.825	ug/l	97
7) Trichlorofluoromethane	1.886	101	212542	48.205	ug/l	97
8) Diethyl Ether	2.130	74	80284	47.291	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	123359	47.123	ug/l	95
10) Methyl Iodide	2.453	142	125421	53.569	ug/l	89
11) Tert butyl alcohol	3.001	59	135728m	197.386	ug/l	
12) 1,1-Dichloroethene	2.319	96	112739	45.313	ug/l	86
13) Acrolein	2.239	56	133683	163.801	ug/l	99
14) Allyl chloride	2.660	41	232155	43.555	ug/l	94
15) Acrylonitrile	3.068	53	348031	229.849	ug/l	99
16) Acetone	2.392	43	448164	267.538	ug/l	93
17) Carbon Disulfide	2.508	76	260985	43.464	ug/l	99
18) Methyl Acetate	2.703	43	294864	47.729	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	443346	44.780	ug/l	98
20) Methylene Chloride	2.788	84	132756	43.728	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	123451	45.282	ug/l	91
22) Diisopropyl ether	3.757	45	470458	45.080	ug/l	91
23) Vinyl Acetate	3.721	43	1671419	226.350	ug/l	98
24) 1,1-Dichloroethane	3.605	63	252186	45.183	ug/l	99
25) 2-Butanone	4.556	43	554264	239.018	ug/l	99
26) 2,2-Dichloropropane	4.471	77	211786	44.808	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	148173	45.212	ug/l	93
28) Bromochloromethane	4.891	49	117880	46.955	ug/l	94
29) Tetrahydrofuran	5.007	42	323729	222.109	ug/l	98
30) Chloroform	5.086	83	261461	45.715	ug/l	100
31) Cyclohexane	5.464	56	226490	45.995	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	226938	45.604	ug/l	98
36) 1,1-Dichloropropene	5.690	75	195395	47.342	ug/l	97
37) Ethyl Acetate	4.708	43	195771	45.476	ug/l	100
38) Carbon Tetrachloride	5.672	117	189406	48.445	ug/l	100
39) Methylcyclohexane	7.379	83	233854	48.134	ug/l	96
40) Benzene	6.031	78	532788	46.144	ug/l	99

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41) Methacrylonitrile	4.916	41	117575	46.000	ug/l	97
42) 1,2-Dichloroethane	6.080	62	231798	46.670	ug/l	97
43) Isopropyl Acetate	6.336	43	341874	45.542	ug/l	98
44) Trichloroethene	7.123	130	133864	45.724	ug/l	93
45) 1,2-Dichloropropane	7.427	63	142246	46.517	ug/l	99
46) Dibromomethane	7.580	93	98553	47.083	ug/l	93
47) Bromodichloromethane	7.818	83	192150	47.493	ug/l	99
48) Methyl methacrylate	7.690	41	172261	46.498	ug/l	95
49) 1,4-Dioxane	7.720	88	54583	708.926	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	1023084	236.568	ug/l	98
52) Toluene	8.714	92	341581	46.867	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	212901	48.435	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	229153	48.658	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	133727	46.715	ug/l	98
56) Ethyl methacrylate	9.116	69	216396	46.680	ug/l	95
57) 1,3-Dichloropropane	9.305	76	240805	46.403	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	526772	223.370	ug/l	98
59) 2-Hexanone	9.433	43	797102	244.742	ug/l	98
60) Dibromochloromethane	9.518	129	133223	48.823	ug/l	100
61) 1,2-Dibromoethane	9.610	107	141740	46.995	ug/l	100
64) Tetrachloroethene	9.269	164	109042	46.305	ug/l	91
65) Chlorobenzene	10.079	112	351374	46.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	127431	47.200	ug/l	99
67) Ethyl Benzene	10.195	91	675923	47.069	ug/l	97
68) m/p-Xylenes	10.299	106	501444	94.469	ug/l	95
69) o-Xylene	10.640	106	243446	46.219	ug/l	94
70) Styrene	10.652	104	406579	47.895	ug/l	98
71) Bromoform	10.799	173	84216	47.409	ug/l #	100
73) Isopropylbenzene	10.963	105	661073	46.512	ug/l	98
74) N-amyl acetate	10.841	43	289120	43.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	203824	44.208	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	176796m	42.852	ug/l	
77) Bromobenzene	11.195	156	145654	45.151	ug/l	92
78) n-propylbenzene	11.305	91	796039	47.646	ug/l	98
79) 2-Chlorotoluene	11.366	91	475076	45.417	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	562983	46.604	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	57261	44.730	ug/l #	84
82) 4-Chlorotoluene	11.451	91	558134	46.331	ug/l	97
83) tert-Butylbenzene	11.713	119	539222	45.921	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	566894	46.737	ug/l	96
85) sec-Butylbenzene	11.890	105	706895	47.947	ug/l	98
86) p-Isopropyltoluene	12.006	119	588618	48.563	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	279561	45.618	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	281127	45.429	ug/l	98
89) n-Butylbenzene	12.329	91	542198	49.175	ug/l	97
90) Hexachloroethane	12.536	117	89020	48.457	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	272054	45.334	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45863	44.671	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	170204	47.103	ug/l	99
94) Hexachlorobutadiene	13.725	225	70281	49.002	ug/l	98
95) Naphthalene	13.774	128	558597	45.142	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	163714	46.068	ug/l	97

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

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