

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029610.D
 Acq On : 20 Jun 2022 08:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 21 01:47:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	278494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	479536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	211409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164962	44.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.500%		
35) Dibromofluoromethane	5.385	113	147258	47.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.240%		
50) Toluene-d8	8.653	98	553001	48.439	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.880%		
62) 4-Bromofluorobenzene	11.079	95	212134	49.273	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	170776	50.636	ug/l	99
3) Chloromethane	1.294	50	149973	41.277	ug/l	99
4) Vinyl Chloride	1.374	62	157437	47.064	ug/l	99
5) Bromomethane	1.611	94	77651	45.498	ug/l	98
6) Chloroethane	1.685	64	69393	31.590	ug/l	98
7) Trichlorofluoromethane	1.886	101	224223	48.112	ug/l	98
8) Diethyl Ether	2.136	74	86812	47.281	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	145230	49.697	ug/l	99
10) Methyl Iodide	2.453	142	123556	37.868	ug/l	98
11) Tert butyl alcohol	3.001	59	181428	224.906	ug/l	96
12) 1,1-Dichloroethene	2.319	96	137542	48.750	ug/l	94
13) Acrolein	2.239	56	42195	207.780	ug/l	98
14) Allyl chloride	2.666	41	220062	48.308	ug/l	96
15) Acrylonitrile	3.068	53	405835	235.360	ug/l	99
16) Acetone	2.386	43	326462	222.173	ug/l	98
17) Carbon Disulfide	2.514	76	366881	50.158	ug/l	100
18) Methyl Acetate	2.709	43	177257	45.626	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	469922	47.975	ug/l	99
20) Methylene Chloride	2.788	84	151924	46.421	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	151528	49.137	ug/l	97
22) Diisopropyl ether	3.763	45	422542	46.889	ug/l	98
23) Vinyl Acetate	3.721	43	1816868	241.503	ug/l	99
24) 1,1-Dichloroethane	3.611	63	256477	47.325	ug/l	99
25) 2-Butanone	4.562	43	535395	230.512	ug/l	98
26) 2,2-Dichloropropane	4.477	77	213494	50.614	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	172200	47.797	ug/l	96
28) Bromochloromethane	4.897	49	95529	46.137	ug/l	97
29) Tetrahydrofuran	5.007	42	355153	229.441	ug/l	96
30) Chloroform	5.093	83	269576	47.004	ug/l	97
31) Cyclohexane	5.470	56	239541	48.399	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	242725	47.982	ug/l	98
36) 1,1-Dichloropropene	5.696	75	204334	48.310	ug/l	99
37) Ethyl Acetate	4.715	43	205426	47.383	ug/l	99
38) Carbon Tetrachloride	5.678	117	209848	50.452	ug/l	98
39) Methylcyclohexane	7.379	83	270231	51.245	ug/l	95
40) Benzene	6.037	78	606759	48.395	ug/l	99

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41) Methacrylonitrile	4.916	41	112907	49.431	ug/l	95
42) 1,2-Dichloroethane	6.086	62	196773	45.656	ug/l	98
43) Isopropyl Acetate	6.342	43	323499	47.985	ug/l	99
44) Trichloroethene	7.129	130	171536	48.243	ug/l	95
45) 1,2-Dichloropropane	7.434	63	150120	48.822	ug/l	99
46) Dibromomethane	7.580	93	108970	49.307	ug/l	94
47) Bromodichloromethane	7.824	83	212399	49.874	ug/l	99
48) Methyl methacrylate	7.690	41	157747	47.723	ug/l	94
49) 1,4-Dioxane	7.696	88	79756	935.847	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1008238	232.029	ug/l	99
52) Toluene	8.720	92	395474	49.260	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	226802	52.702	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	252089	52.312	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	157358	48.476	ug/l	99
56) Ethyl methacrylate	9.116	69	247530	50.476	ug/l	97
57) 1,3-Dichloropropane	9.311	76	256635	47.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	521639	226.395	ug/l	97
59) 2-Hexanone	9.433	43	778118	236.478	ug/l	98
60) Dibromochloromethane	9.525	129	164720	52.266	ug/l	96
61) 1,2-Dibromoethane	9.610	107	168277	50.002	ug/l	99
64) Tetrachloroethene	9.275	164	154926	50.128	ug/l	98
65) Chlorobenzene	10.079	112	416575	49.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	151490	50.313	ug/l	99
67) Ethyl Benzene	10.195	91	752428	49.879	ug/l	99
68) m/p-Xylenes	10.305	106	584520	99.360	ug/l	99
69) o-Xylene	10.640	106	288536	49.643	ug/l	100
70) Styrene	10.659	104	485249	50.990	ug/l	98
71) Bromoform	10.799	173	117917	55.235	ug/l	100
73) Isopropylbenzene	10.963	105	750615	47.354	ug/l	99
74) N-amyl acetate	10.841	43	265573	48.240	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	238451	46.529	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	217912m	47.315	ug/l	
77) Bromobenzene	11.201	156	174637	48.273	ug/l	97
78) n-propylbenzene	11.305	91	871209	48.800	ug/l	100
79) 2-Chlorotoluene	11.366	91	519508	46.996	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	637897	47.785	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	71612	51.728	ug/l	96
82) 4-Chlorotoluene	11.457	91	600465	47.633	ug/l	100
83) tert-Butylbenzene	11.713	119	630882	48.470	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	639007	47.995	ug/l	99
85) sec-Butylbenzene	11.890	105	793090	49.165	ug/l	100
86) p-Isopropyltoluene	12.012	119	671927	49.747	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	334917	48.599	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	336617	48.922	ug/l	98
89) n-Butylbenzene	12.335	91	585627	51.373	ug/l	100
90) Hexachloroethane	12.542	117	103959	53.752	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	328736	48.528	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53233	46.879	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	212185	51.365	ug/l	98
94) Hexachlorobutadiene	13.725	225	88313	52.216	ug/l	93
95) Naphthalene	13.774	128	741648	50.013	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	206992	50.031	ug/l	95

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

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