

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029713.D
 Acq On : 23 Jun 2022 01:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:52:05 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	238299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	405933	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142534	45.185	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.380%		
35) Dibromofluoromethane	5.385	113	133574	50.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.980%		
50) Toluene-d8	8.647	98	492730	50.985	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.980%		
62) 4-Bromofluorobenzene	11.079	95	189057	51.875	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	159347	55.216	ug/l	99
3) Chloromethane	1.294	50	140442	45.174	ug/l	100
4) Vinyl Chloride	1.374	62	144696	50.552	ug/l	99
5) Bromomethane	1.618	94	74631	51.105	ug/l	100
6) Chloroethane	1.691	64	63129	33.960	ug/l	100
7) Trichlorofluoromethane	1.886	101	203204	50.956	ug/l	98
8) Diethyl Ether	2.136	74	77248	49.169	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	135519	54.196	ug/l	99
10) Methyl Iodide	2.453	142	117866	41.871	ug/l	99
11) Tert butyl alcohol	3.014	59	161262m	233.999	ug/l	
12) 1,1-Dichloroethene	2.319	96	130972	54.251	ug/l	93
13) Acrolein	2.239	56	35011	201.484	ug/l	99
14) Allyl chloride	2.666	41	200167	51.352	ug/l	94
15) Acrylonitrile	3.068	53	376509	255.184	ug/l	99
16) Acetone	2.392	43	286154	227.590	ug/l	100
17) Carbon Disulfide	2.514	76	346314	55.332	ug/l	99
18) Methyl Acetate	2.703	43	164093	49.362	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	428072	51.074	ug/l	99
20) Methylene Chloride	2.788	84	147385	52.631	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	145642	55.195	ug/l	93
22) Diisopropyl ether	3.757	45	386789	50.161	ug/l #	88
23) Vinyl Acetate	3.721	43	1628456	252.970	ug/l	100
24) 1,1-Dichloroethane	3.611	63	241792	52.141	ug/l	99
25) 2-Butanone	4.562	43	473931	238.467	ug/l	99
26) 2,2-Dichloropropane	4.477	77	147502	40.867	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	165882	53.810	ug/l	90
28) Bromochloromethane	4.897	49	83036	46.867	ug/l	95
29) Tetrahydrofuran	5.013	42	315350	238.091	ug/l	97
30) Chloroform	5.093	83	253109	51.576	ug/l	99
31) Cyclohexane	5.471	56	223589	52.796	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	225300	52.050	ug/l	97
36) 1,1-Dichloropropene	5.696	75	189708	52.985	ug/l	98
37) Ethyl Acetate	4.715	43	181872	49.556	ug/l	99
38) Carbon Tetrachloride	5.678	117	188993	53.677	ug/l	99
39) Methylcyclohexane	7.379	83	248187	55.598	ug/l	97
40) Benzene	6.037	78	573275	54.016	ug/l	99

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41) Methacrylonitrile	4.916	41	100834	52.149	ug/l	98
42) 1,2-Dichloroethane	6.086	62	181508	49.750	ug/l	97
43) Isopropyl Acetate	6.336	43	286217	50.153	ug/l	99
44) Trichloroethene	7.123	130	163387	54.427	ug/l	96
45) 1,2-Dichloropropane	7.427	63	138024	53.027	ug/l	96
46) Dibromomethane	7.580	93	102279	54.671	ug/l	96
47) Bromodichloromethane	7.824	83	191621	53.154	ug/l	99
48) Methyl methacrylate	7.690	41	139197	49.747	ug/l	96
49) 1,4-Dioxane	7.702	88	66265	918.528	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	910382	247.497	ug/l	99
52) Toluene	8.720	92	374136	55.052	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	194854	53.488	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	220485	54.050	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	147407	53.645	ug/l	98
56) Ethyl methacrylate	9.116	69	225624	54.352	ug/l	98
57) 1,3-Dichloropropane	9.305	76	239885	52.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	466162	239.002	ug/l	96
59) 2-Hexanone	9.433	43	691319	248.193	ug/l	99
60) Dibromochloromethane	9.525	129	152384	57.119	ug/l	96
61) 1,2-Dibromoethane	9.610	107	157193	55.178	ug/l	100
64) Tetrachloroethene	9.275	164	149240	56.580	ug/l	98
65) Chlorobenzene	10.079	112	394863	55.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	142308	55.380	ug/l	99
67) Ethyl Benzene	10.195	91	705144	54.772	ug/l	97
68) m/p-Xylenes	10.299	106	553462	110.237	ug/l	99
69) o-Xylene	10.640	106	274245	55.288	ug/l	98
70) Styrene	10.653	104	455381	56.070	ug/l	99
71) Bromoform	10.799	173	105437	57.870	ug/l #	100
73) Isopropylbenzene	10.963	105	709324	52.533	ug/l	99
74) N-amyl acetate	10.841	43	239970	51.171	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	216977	49.704	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	199580m	50.872	ug/l	
77) Bromobenzene	11.201	156	163398	53.023	ug/l	98
78) n-propylbenzene	11.305	91	808343	53.154	ug/l	99
79) 2-Chlorotoluene	11.366	91	488430	51.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	598244	52.610	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	58862	49.914	ug/l	96
82) 4-Chlorotoluene	11.457	91	558685	52.027	ug/l	100
83) tert-Butylbenzene	11.713	119	590016	53.215	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	597668	52.699	ug/l	100
85) sec-Butylbenzene	11.890	105	745423	54.248	ug/l	100
86) p-Isopropyltoluene	12.012	119	620061	53.892	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	317295	54.050	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	313362	53.464	ug/l	97
89) n-Butylbenzene	12.335	91	527809	54.354	ug/l	99
90) Hexachloroethane	12.542	117	94939	57.626	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	312382	54.135	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46420	47.990	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	192920	54.824	ug/l	99
94) Hexachlorobutadiene	13.725	225	76327	52.979	ug/l	96
95) Naphthalene	13.774	128	701229	55.512	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	193922	55.025	ug/l	95

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

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