

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030096.D
 Acq On : 15 Jul 2022 17:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 16 06:03:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2022
 Supervised By : Mahesh Dadoda 07/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	178421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	312842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117767	54.228	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.460%			
35) Dibromofluoromethane	5.391	113	99858	49.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.940%			
50) Toluene-d8	8.653	98	385735	51.319	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	11.085	95	141292	54.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	106489	52.598	ug/l	98
3) Chloromethane	1.288	50	95060	51.129	ug/l	98
4) Vinyl Chloride	1.374	62	105569	51.121	ug/l	100
5) Bromomethane	1.605	94	40907	46.631	ug/l	95
6) Chloroethane	1.678	64	57214	49.199	ug/l	98
7) Trichlorofluoromethane	1.880	101	141089	52.902	ug/l	98
8) Diethyl Ether	2.136	74	53014	48.049	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	97070	53.315	ug/l	100
10) Methyl Iodide	2.447	142	90136	50.404	ug/l	97
11) Tert butyl alcohol	2.983	59	124188	221.569	ug/l	97
12) 1,1-Dichloroethene	2.312	96	96183	52.911	ug/l	97
13) Acrolein	2.239	56	19022	170.402	ug/l	99
14) Allyl chloride	2.660	41	173453	54.601	ug/l	98
15) Acrylonitrile	3.068	53	343349	269.540	ug/l	100
16) Acetone	2.386	43	274273	268.022	ug/l	96
17) Carbon Disulfide	2.508	76	238224	46.807	ug/l	99
18) Methyl Acetate	2.709	43	165593	53.192	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	311422	54.197	ug/l	96
20) Methylene Chloride	2.788	84	108441	52.509	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	100997	53.302	ug/l	97
22) Diisopropyl ether	3.763	45	349746	56.245	ug/l	90
23) Vinyl Acetate	3.721	43	1531367	290.910	ug/l	98
24) 1,1-Dichloroethane	3.611	63	184450	53.530	ug/l	98
25) 2-Butanone	4.562	43	475282	272.655	ug/l	96
26) 2,2-Dichloropropane	4.477	77	127463	52.660	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	120358	51.871	ug/l	99
28) Bromochloromethane	4.903	49	76229	52.586	ug/l	99
29) Tetrahydrofuran	5.007	42	320821	271.193	ug/l	99
30) Chloroform	5.092	83	187869	54.711	ug/l	99
31) Cyclohexane	5.470	56	172905	54.921	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	151272	53.900	ug/l	98
36) 1,1-Dichloropropene	5.696	75	137181	53.140	ug/l	99
37) Ethyl Acetate	4.715	43	178790	53.899	ug/l	98
38) Carbon Tetrachloride	5.678	117	129052	53.608	ug/l	94
39) Methylcyclohexane	7.379	83	181238	55.382	ug/l	96
40) Benzene	6.037	78	437769	53.878	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	96669	54.123	ug/l	98
42) 1,2-Dichloroethane	6.092	62	142601	56.630	ug/l	100
43) Isopropyl Acetate	6.342	43	270632	54.256	ug/l	99
44) Trichloroethene	7.123	130	118268	49.812	ug/l	97
45) 1,2-Dichloropropane	7.434	63	113640	53.808	ug/l	98
46) Dibromomethane	7.580	93	77097	53.039	ug/l	99
47) Bromodichloromethane	7.824	83	142344	53.967	ug/l	98
48) Methyl methacrylate	7.696	41	132209	57.444	ug/l	98
49) 1,4-Dioxane	7.677	88	63227	1057.384	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	917787	278.052	ug/l	99
52) Toluene	8.720	92	269945	52.319	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	149975	54.741	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	167112	53.244	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	112802	53.016	ug/l	98
56) Ethyl methacrylate	9.116	69	177103	55.362	ug/l	96
57) 1,3-Dichloropropane	9.311	76	182757	54.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	484063	278.668	ug/l	99
59) 2-Hexanone	9.433	43	717618	283.506	ug/l	99
60) Dibromochloromethane	9.525	129	107529	51.874	ug/l	97
61) 1,2-Dibromoethane	9.610	107	117555	53.086	ug/l	98
64) Tetrachloroethene	9.275	164	117915	52.682	ug/l	98
65) Chlorobenzene	10.079	112	282205	50.827	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	99028	52.317	ug/l	99
67) Ethyl Benzene	10.195	91	516299	54.866	ug/l	99
68) m/p-Xylenes	10.305	106	393750	106.684	ug/l	97
69) o-Xylene	10.640	106	191702	51.874	ug/l	96
70) Styrene	10.659	104	329525	53.723	ug/l	98
71) Bromoform	10.799	173	73074	48.051	ug/l #	98
73) Isopropylbenzene	10.963	105	506991	52.723	ug/l	100
74) N-amyl acetate	10.848	43	231546	54.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	171514	49.437	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	162624m	51.215	ug/l	
77) Bromobenzene	11.201	156	115566	48.033	ug/l	97
78) n-propylbenzene	11.305	91	616254	54.019	ug/l	99
79) 2-Chlorotoluene	11.366	91	358393	52.450	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	430106	53.081	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56539	51.387	ug/l	96
82) 4-Chlorotoluene	11.457	91	407861	53.274	ug/l	100
83) tert-Butylbenzene	11.719	119	397423	51.145	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	430931	53.768	ug/l	99
85) sec-Butylbenzene	11.890	105	553175	53.849	ug/l	100
86) p-Isopropyltoluene	12.012	119	447565	54.308	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	229421	51.608	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	230189	50.458	ug/l	99
89) n-Butylbenzene	12.335	91	424667	57.512	ug/l	100
90) Hexachloroethane	12.542	117	71270	50.588	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	222887	49.351	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40415	51.018	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	139445	50.268	ug/l	98
94) Hexachlorobutadiene	13.725	225	54556	49.259	ug/l	98
95) Naphthalene	13.780	128	555044	50.408	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140755	49.867	ug/l	99

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

