

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030222.D
 Acq On : 27 Jul 2022 09:27
 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 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 05:48:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	159262	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	262341	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159502	49.828	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	5.385	113	124920	49.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.620%		
50) Toluene-d8	8.653	98	493787	50.843	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.680%		
62) 4-Bromofluorobenzene	11.079	95	188524	52.304	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	137841	52.745	ug/l	99
3) Chloromethane	1.288	50	123737	47.881	ug/l	99
4) Vinyl Chloride	1.374	62	129005	49.459	ug/l	99
5) Bromomethane	1.605	94	44536	48.511	ug/l	95
6) Chloroethane	1.679	64	75136	50.170	ug/l	95
7) Trichlorofluoromethane	1.886	101	179327	52.184	ug/l	97
8) Diethyl Ether	2.136	74	66979	49.773	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	128553	50.506	ug/l	98
10) Methyl Iodide	2.453	142	130832	52.659	ug/l	95
11) Tert butyl alcohol	2.977	59	190433	243.885	ug/l	99
12) 1,1-Dichloroethene	2.319	96	123151	49.499	ug/l	90
13) Acrolein	2.239	56	54048	281.620	ug/l	100
14) Allyl chloride	2.660	41	254870	49.644	ug/l	97
15) Acrylonitrile	3.062	53	461034	238.927	ug/l	98
16) Acetone	2.386	43	417584	254.801	ug/l	94
17) Carbon Disulfide	2.508	76	319332	47.549	ug/l	98
18) Methyl Acetate	2.703	43	230284	47.506	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	426014	49.989	ug/l	99
20) Methylene Chloride	2.788	84	142545	50.784	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	132138	48.119	ug/l	92
22) Diisopropyl ether	3.764	45	506713	52.165	ug/l	89
23) Vinyl Acetate	3.721	43	2208134	262.059	ug/l	97
24) 1,1-Dichloroethane	3.611	63	253372	49.088	ug/l	98
25) 2-Butanone	4.562	43	684676	248.612	ug/l	94
26) 2,2-Dichloropropane	4.477	77	197162	52.825	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	156863	48.576	ug/l	93
28) Bromochloromethane	4.897	49	117457	53.864	ug/l	91
29) Tetrahydrofuran	5.007	42	448491	242.036	ug/l	93
30) Chloroform	5.093	83	251528	49.217	ug/l	96
31) Cyclohexane	5.471	56	236561	50.899	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	208047	50.082	ug/l	99
36) 1,1-Dichloropropene	5.690	75	187868	52.054	ug/l	97
37) Ethyl Acetate	4.715	43	253994	49.697	ug/l	97
38) Carbon Tetrachloride	5.678	117	177588	52.708	ug/l	98
39) Methylcyclohexane	7.379	83	239982	51.515	ug/l	93
40) Benzene	6.037	78	570421	50.234	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	141622	51.694	ug/l	95
42) 1,2-Dichloroethane	6.086	62	196280	50.024	ug/l	97
43) Isopropyl Acetate	6.342	43	389299	51.960	ug/l	97
44) Trichloroethene	7.129	130	148701	47.926	ug/l	96
45) 1,2-Dichloropropane	7.434	63	153434	50.662	ug/l	97
46) Dibromomethane	7.580	93	100250	48.674	ug/l	98
47) Bromodichloromethane	7.824	83	194666	51.992	ug/l	98
48) Methyl methacrylate	7.696	41	193365	52.435	ug/l	95
49) 1,4-Dioxane	7.671	88	78501	921.655	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1295356	254.670	ug/l	97
52) Toluene	8.720	92	348891	50.360	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	216238	53.577	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	236235	53.712	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	144323	48.928	ug/l	96
56) Ethyl methacrylate	9.116	69	243619	52.245	ug/l	94
57) 1,3-Dichloropropane	9.311	76	244971	50.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	648034	280.022	ug/l	96
59) 2-Hexanone	9.433	43	1030843	256.883	ug/l	95
60) Dibromochloromethane	9.525	129	143128	52.417	ug/l	99
61) 1,2-Dibromoethane	9.610	107	151936	49.330	ug/l	100
64) Tetrachloroethene	9.275	164	145413	48.972	ug/l	95
65) Chlorobenzene	10.079	112	369602	49.332	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	131424	51.601	ug/l	98
67) Ethyl Benzene	10.195	91	684953	48.504	ug/l	99
68) m/p-Xylenes	10.305	106	520421	102.537	ug/l	95
69) o-Xylene	10.646	106	253895	50.756	ug/l	93
70) Styrene	10.659	104	429934	52.313	ug/l	97
71) Bromoform	10.799	173	101386	54.147	ug/l #	99
73) Isopropylbenzene	10.963	105	670308	49.109	ug/l	98
74) N-amyl acetate	10.842	43	337058	50.809	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	230262	46.090	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	232803m	50.513	ug/l	
77) Bromobenzene	11.201	156	152578	47.626	ug/l	94
78) n-propylbenzene	11.305	91	835016	51.256	ug/l	97
79) 2-Chlorotoluene	11.366	91	484806	47.125	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	573338	50.164	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	78822	51.307	ug/l	96
82) 4-Chlorotoluene	11.457	91	560597	49.875	ug/l	96
83) tert-Butylbenzene	11.719	119	527498	49.795	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	576105	50.525	ug/l	98
85) sec-Butylbenzene	11.890	105	744211	51.327	ug/l	98
86) p-Isopropyltoluene	12.012	119	600611	51.776	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	301476	48.387	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	301378	47.517	ug/l	99
89) n-Butylbenzene	12.335	91	613406	56.797	ug/l	98
90) Hexachloroethane	12.542	117	104170	52.156	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	306375	50.098	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62446	52.115	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	192286	54.219	ug/l	96
94) Hexachlorobutadiene	13.725	225	75016	52.680	ug/l	97
95) Naphthalene	13.774	128	757596	54.689	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	194260	53.410	ug/l	99

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

