

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011222\
 Data File : VX026442.D
 Acq On : 12 Jan 2022 18:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 13 05:55:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	101577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75564	53.253	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.500%			
35) Dibromofluoromethane	5.391	113	57361	53.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.720%			
50) Toluene-d8	8.653	98	207848	53.650	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.300%			
62) 4-Bromofluorobenzene	11.079	95	78517	57.052	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	58833	49.050	ug/l	100
3) Chloromethane	1.295	50	53644	48.787	ug/l	99
4) Vinyl Chloride	1.374	62	58664	50.815	ug/l	98
5) Bromomethane	1.612	94	23777	44.647	ug/l	100
6) Chloroethane	1.691	64	34259	58.685	ug/l	100
7) Trichlorofluoromethane	1.892	101	89779	49.257	ug/l	99
8) Diethyl Ether	2.136	74	32462	50.331	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	56147	50.549	ug/l	100
10) Methyl Iodide	2.459	142	67169	55.625	ug/l	99
11) Tert butyl alcohol	2.983	59	58224	294.966	ug/l	97
12) 1,1-Dichloroethene	2.325	96	53477	50.410	ug/l	97
13) Acrolein	2.239	56	61157	291.571	ug/l	99
14) Allyl chloride	2.666	41	102019	52.294	ug/l	99
15) Acrylonitrile	3.069	53	161896	266.438	ug/l	99
16) Acetone	2.386	43	180450	249.374	ug/l	100
17) Carbon Disulfide	2.514	76	147608	47.658	ug/l	100
18) Methyl Acetate	2.709	43	74945	52.097	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	194644	50.567	ug/l	99
20) Methylene Chloride	2.794	84	58539	48.964	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	57952	50.462	ug/l	97
22) Diisopropyl ether	3.764	45	203449	51.340	ug/l	97
23) Vinyl Acetate	3.727	43	880885	270.046	ug/l	99
24) 1,1-Dichloroethane	3.617	63	110208	51.495	ug/l	99
25) 2-Butanone	4.562	43	251287	267.032	ug/l	99
26) 2,2-Dichloropropane	4.483	77	81397	51.310	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	66670	50.866	ug/l	99
28) Bromochloromethane	4.904	49	45693	51.996	ug/l	99
29) Tetrahydrofuran	5.007	42	154949	277.240	ug/l	100
30) Chloroform	5.099	83	113328	50.964	ug/l	99
31) Cyclohexane	5.477	56	102039	48.755	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	102457	52.382	ug/l	100
36) 1,1-Dichloropropene	5.696	75	85111	50.149	ug/l	100
37) Ethyl Acetate	4.715	43	94222	54.882	ug/l	100
38) Carbon Tetrachloride	5.684	117	90237	51.690	ug/l	98
39) Methylcyclohexane	7.385	83	103443	50.531	ug/l	97
40) Benzene	6.044	78	238210	50.781	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	52597	54.083	ug/l	99
42) 1,2-Dichloroethane	6.092	62	93884	51.153	ug/l	100
43) Isopropyl Acetate	6.342	43	150155	54.144	ug/l	100
44) Trichloroethene	7.129	130	68295	51.307	ug/l	94
45) 1,2-Dichloropropane	7.434	63	60556	51.716	ug/l	99
46) Dibromomethane	7.586	93	43276	52.429	ug/l	99
47) Bromodichloromethane	7.824	83	86452	51.836	ug/l	99
48) Methyl methacrylate	7.696	41	73590	53.545	ug/l	99
49) 1,4-Dioxane	7.678	88	27022	1198.092	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	461813	280.754	ug/l	100
52) Toluene	8.720	92	148930	51.772	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	87268	48.988	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	96915	54.103	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	58624	52.223	ug/l	98
56) Ethyl methacrylate	9.116	69	94839	55.127	ug/l	98
57) 1,3-Dichloropropane	9.311	76	101810	52.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	237104	262.838	ug/l	100
59) 2-Hexanone	9.433	43	355488	282.365	ug/l	99
60) Dibromochloromethane	9.525	129	64013	54.721	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61903	52.920	ug/l	100
64) Tetrachloroethene	9.275	164	66734	49.106	ug/l	96
65) Chlorobenzene	10.080	112	154426	50.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	58328	51.817	ug/l	99
67) Ethyl Benzene	10.195	91	284990	51.767	ug/l	99
68) m/p-Xylenes	10.305	106	214560	104.144	ug/l	100
69) o-Xylene	10.647	106	104891	52.763	ug/l	100
70) Styrene	10.659	104	175405	54.073	ug/l	100
71) Bromoform	10.799	173	43044	49.961	ug/l #	100
73) Isopropylbenzene	10.964	105	277937	50.171	ug/l	99
74) N-amyl acetate	10.848	43	118166	55.252	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79097	53.194	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	79107m	53.161	ug/l	
77) Bromobenzene	11.201	156	64617	50.915	ug/l	99
78) n-propylbenzene	11.305	91	321079	50.825	ug/l	99
79) 2-Chlorotoluene	11.366	91	193286	50.455	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233916	51.217	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23532	49.896	ug/l	99
82) 4-Chlorotoluene	11.457	91	222536	50.545	ug/l	100
83) tert-Butylbenzene	11.713	119	221640	51.985	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	234032	51.232	ug/l	99
85) sec-Butylbenzene	11.890	105	286541	51.959	ug/l	100
86) p-Isopropyltoluene	12.012	119	243147	52.552	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	120546	50.674	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	119976	49.828	ug/l	98
89) n-Butylbenzene	12.335	91	210728	53.074	ug/l	100
90) Hexachloroethane	12.543	117	37405	48.513	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	117073	52.078	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20290	56.459	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	74209	51.489	ug/l	97
94) Hexachlorobutadiene	13.725	225	30592	50.282	ug/l	99
95) Naphthalene	13.780	128	262604	54.625	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74751	52.737	ug/l	99

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

