

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031312.D
 Acq On : 14 Sep 2022 16:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 15 01:59:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	53403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	86669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69463	52.993	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.980%			
35) Dibromofluoromethane	5.385	113	50634	54.350	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.700%			
50) Toluene-d8	8.653	98	202872	58.052	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 116.100%#			
62) 4-Bromofluorobenzene	11.079	95	74832	58.475	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27698	48.035	ug/l	99
3) Chloromethane	1.288	50	44202	56.110	ug/l	98
4) Vinyl Chloride	1.367	62	50728	54.367	ug/l	99
5) Bromomethane	1.611	94	39637	56.647	ug/l	96
6) Chloroethane	1.678	64	37560	50.722	ug/l	98
7) Trichlorofluoromethane	1.886	101	91849	53.700	ug/l	99
8) Diethyl Ether	2.136	74	35948	51.243	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	39406	48.721	ug/l	100
10) Methyl Iodide	2.447	142	41785	48.447	ug/l	99
11) Tert butyl alcohol	2.989	59	71659	263.459	ug/l	100
12) 1,1-Dichloroethene	2.318	96	36980	49.598	ug/l	95
13) Acrolein	2.239	56	32970	217.964	ug/l	96
14) Allyl chloride	2.660	41	79396	48.203	ug/l	99
15) Acrylonitrile	3.068	53	151081	249.898	ug/l	99
16) Acetone	2.386	43	133985	239.437	ug/l	98
17) Carbon Disulfide	2.507	76	95464	53.445	ug/l	99
18) Methyl Acetate	2.709	43	80910	48.760	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	170617	49.415	ug/l	99
20) Methylene Chloride	2.788	84	45951	52.480	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	45288	54.169	ug/l	91
22) Diisopropyl ether	3.763	45	170387	49.434	ug/l	99
23) Vinyl Acetate	3.721	43	748087	261.162	ug/l	100
24) 1,1-Dichloroethane	3.611	63	91457	50.560	ug/l	99
25) 2-Butanone	4.562	43	230859	250.115	ug/l	99
26) 2,2-Dichloropropane	4.483	77	85036	49.550	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	52585	47.881	ug/l	97
28) Bromochloromethane	4.903	49	38580	45.758	ug/l	96
29) Tetrahydrofuran	5.013	42	146097	255.535	ug/l	100
30) Chloroform	5.098	83	97800	51.057	ug/l	97
31) Cyclohexane	5.470	56	77463	55.006	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	88255	51.420	ug/l	99
36) 1,1-Dichloropropene	5.696	75	68858	54.000	ug/l	98
37) Ethyl Acetate	4.721	43	88861	53.029	ug/l	98
38) Carbon Tetrachloride	5.678	117	74642	53.851	ug/l	98
39) Methylcyclohexane	7.385	83	80198	57.109	ug/l	99
40) Benzene	6.037	78	198796	54.290	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47731	52.580	ug/l	98
42) 1,2-Dichloroethane	6.086	62	81372	55.093	ug/l	99
43) Isopropyl Acetate	6.342	43	146479	51.210	ug/l	100
44) Trichloroethene	7.129	130	49286	52.791	ug/l	99
45) 1,2-Dichloropropane	7.433	63	53072	52.942	ug/l	97
46) Dibromomethane	7.580	93	36600	51.483	ug/l	99
47) Bromodichloromethane	7.824	83	77773	52.597	ug/l	99
48) Methyl methacrylate	7.696	41	67882	52.132	ug/l	99
49) 1,4-Dioxane	7.677	88	27063	1036.373	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	458475	263.699	ug/l	99
52) Toluene	8.720	92	132214	57.079	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	91213	54.815	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	90618	52.992	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	55055	53.842	ug/l	99
56) Ethyl methacrylate	9.116	69	91173	55.080	ug/l	98
57) 1,3-Dichloropropane	9.311	76	94262	53.650	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	203506	263.871	ug/l	98
59) 2-Hexanone	9.433	43	350335	264.010	ug/l	99
60) Dibromochloromethane	9.524	129	61813	56.073	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60317	57.489	ug/l	99
64) Tetrachloroethene	9.275	164	47918	52.785	ug/l	95
65) Chlorobenzene	10.079	112	141839	53.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	56048	54.096	ug/l	99
67) Ethyl Benzene	10.195	91	259981	54.583	ug/l	98
68) m/p-Xylenes	10.305	106	203234	112.373	ug/l	99
69) o-Xylene	10.646	106	99195	54.000	ug/l	99
70) Styrene	10.658	104	167196	55.972	ug/l	99
71) Bromoform	10.799	173	44955	54.503	ug/l #	99
73) Isopropylbenzene	10.963	105	263743	51.307	ug/l	99
74) N-amyl acetate	10.841	43	123211	48.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	86962	47.074	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	85472m	48.735	ug/l	
77) Bromobenzene	11.201	156	61063	52.098	ug/l	98
78) n-propylbenzene	11.305	91	311003	51.553	ug/l	99
79) 2-Chlorotoluene	11.366	91	182495	49.440	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	222232	51.601	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32152	50.726	ug/l	99
82) 4-Chlorotoluene	11.457	91	212877	50.314	ug/l	99
83) tert-Butylbenzene	11.719	119	223403	51.848	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	223412	52.193	ug/l	100
85) sec-Butylbenzene	11.890	105	283408	52.527	ug/l	100
86) p-Isopropyltoluene	12.012	119	236737	53.844	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	117974	52.794	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	121023	52.694	ug/l	99
89) n-Butylbenzene	12.335	91	209845	53.823	ug/l	99
90) Hexachloroethane	12.542	117	46036	52.431	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	116144	51.050	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22039	52.124	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	67231	54.574	ug/l	99
94) Hexachlorobutadiene	13.725	225	25274	52.557	ug/l	98
95) Naphthalene	13.774	128	255784	51.104	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67603	51.244	ug/l	99

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

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