

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091322\
 Data File : VX031298.D
 Acq On : 13 Sep 2022 18:40
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 05:34:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 05:31:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	44682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	68667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	80609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48329	50.950	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.900%			
35) Dibromofluoromethane	5.385	113	40938	50.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.653	98	155698	54.395	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.780%			
62) 4-Bromofluorobenzene	11.085	95	52491	52.369	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21781	47.322	ug/l	100
3) Chloromethane	1.288	50	67815	50.415	ug/l	100
4) Vinyl Chloride	1.367	62	73135	49.651	ug/l	100
5) Bromomethane	1.611	94	195764	55.492	ug/l	100
6) Chloroethane	1.678	64	82124	28.030	ug/l	100
7) Trichlorofluoromethane	1.880	101	146007	48.765	ug/l	100
8) Diethyl Ether	2.136	74	62085	48.900	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	33067	46.180	ug/l	100
10) Methyl Iodide	2.447	142	40689	50.796	ug/l	100
11) Tert butyl alcohol	2.989	59	65417	197.846	ug/l	100
12) 1,1-Dichloroethene	2.312	96	32511	45.424	ug/l	100
13) Acrolein	2.239	56	68019	248.995	ug/l	100
14) Allyl chloride	2.666	41	68161	46.869	ug/l	100
15) Acrylonitrile	3.068	53	152390	243.011	ug/l	100
16) Acetone	2.392	43	117548	228.951	ug/l	100
17) Carbon Disulfide	2.508	76	83470	55.691	ug/l	100
18) Methyl Acetate	2.709	43	73783	45.977	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	145430	48.647	ug/l	100
20) Methylene Chloride	2.788	84	40459	46.089	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	42372	52.005	ug/l	100
22) Diisopropyl ether	3.769	45	166045	49.270	ug/l	100
23) Vinyl Acetate	3.727	43	758865	254.512	ug/l	100
24) 1,1-Dichloroethane	3.611	63	77485	48.674	ug/l	100
25) 2-Butanone	4.568	43	216307	237.888	ug/l	100
26) 2,2-Dichloropropane	4.477	77	61680	45.951	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	46848	49.504	ug/l	100
28) Bromochloromethane	4.903	49	38957	49.630	ug/l	100
29) Tetrahydrofuran	5.013	42	144965	243.175	ug/l	100
30) Chloroform	5.099	83	78785	48.457	ug/l	100
31) Cyclohexane	5.476	56	69072	52.824	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	67687	47.832	ug/l	100
36) 1,1-Dichloropropene	5.696	75	56509	50.392	ug/l	100
37) Ethyl Acetate	4.721	43	85324	47.644	ug/l	100
38) Carbon Tetrachloride	5.684	117	58652	48.690	ug/l	100
39) Methylcyclohexane	7.385	83	66479	52.133	ug/l	100
40) Benzene	6.043	78	173633	50.752	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42463	46.812	ug/l	100
42) 1,2-Dichloroethane	6.092	62	62932	50.511	ug/l	100
43) Isopropyl Acetate	6.348	43	140063	49.192	ug/l	100
44) Trichloroethene	7.129	130	44986	49.620	ug/l	100
45) 1,2-Dichloropropane	7.440	63	46702	49.305	ug/l	100
46) Dibromomethane	7.586	93	31775	48.878	ug/l	100
47) Bromodichloromethane	7.824	83	64712	48.116	ug/l	100
48) Methyl methacrylate	7.696	41	60815	50.094	ug/l	100
49) 1,4-Dioxane	7.683	88	25659	919.840	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	495674	254.234	ug/l	100
52) Toluene	8.720	92	114438	52.381	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	77092	49.372	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	76674	48.481	ug/l	100
55) 1,1,2-Trichloroethane	9.159	97	47792	48.942	ug/l	100
56) Ethyl methacrylate	9.122	69	80904	51.112	ug/l	100
57) 1,3-Dichloropropane	9.311	76	79333	50.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	201883	259.868	ug/l	100
59) 2-Hexanone	9.433	43	378392	253.638	ug/l	100
60) Dibromochloromethane	9.525	129	53424	50.822	ug/l	100
61) 1,2-Dibromoethane	9.616	107	49900	50.808	ug/l	100
64) Tetrachloroethene	9.275	164	44360	48.243	ug/l	100
65) Chlorobenzene	10.079	112	122831	48.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	46133	45.904	ug/l	100
67) Ethyl Benzene	10.195	91	221004	48.627	ug/l	100
68) m/p-Xylenes	10.305	106	185280	100.876	ug/l	100
69) o-Xylene	10.646	106	86540	48.130	ug/l	100
70) Styrene	10.659	104	149849	49.629	ug/l	100
71) Bromoform	10.799	173	41580	47.086	ug/l #	100
73) Isopropylbenzene	10.963	105	223941	46.975	ug/l	100
74) N-amyl acetate	10.847	43	124984	45.713	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	81605	44.849	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	72592m	45.158	ug/l	
77) Bromobenzene	11.201	156	56162	47.859	ug/l	100
78) n-propylbenzene	11.305	91	268443	48.377	ug/l	100
79) 2-Chlorotoluene	11.366	91	147452	46.679	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	196861	49.067	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30502	45.195	ug/l	100
82) 4-Chlorotoluene	11.457	91	181987	49.542	ug/l	100
83) tert-Butylbenzene	11.719	119	197714	47.679	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	190128	48.178	ug/l	100
85) sec-Butylbenzene	11.890	105	244101	47.749	ug/l	100
86) p-Isopropyltoluene	12.012	119	208257	48.604	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	105610	47.335	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	110773	48.090	ug/l	100
89) n-Butylbenzene	12.335	91	189544	49.952	ug/l	100
90) Hexachloroethane	12.542	117	41405	47.755	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	109509	48.310	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17402	40.998	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	60598	47.225	ug/l	100
94) Hexachlorobutadiene	13.725	225	22620	45.088	ug/l	100
95) Naphthalene	13.780	128	232935	47.028	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60324	44.721	ug/l	100

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

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