

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029289.D
 Acq On : 07 Jun 2022 20:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 08 01:56:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 01:54:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	199880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	334219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	302037	126.161	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 252.320%#			
35) Dibromofluoromethane	5.391	113	276109	119.939	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 239.880%#			
50) Toluene-d8	8.653	98	946685	113.529	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 227.060%#			
62) 4-Bromofluorobenzene	11.085	95	381060	117.243	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 234.480%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	308283	155.012	ug/l	99
3) Chloromethane	1.288	50	298141	143.298	ug/l	100
4) Vinyl Chloride	1.374	62	330833	145.788	ug/l	98
5) Bromomethane	1.611	94	172266	144.441	ug/l	100
6) Chloroethane	1.685	64	127214	91.894	ug/l	98
7) Trichlorofluoromethane	1.880	101	483932	139.273	ug/l	99
8) Diethyl Ether	2.136	74	186585	140.448	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	296170	143.531	ug/l	98
10) Methyl Iodide	2.453	142	385435	164.087	ug/l	97
11) Tert butyl alcohol	3.044	59	386910	644.746	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	290085	143.306	ug/l	95
13) Acrolein	2.239	56	170333	654.104	ug/l	99
14) Allyl chloride	2.666	41	470228	152.183	ug/l	96
15) Acrylonitrile	3.069	53	914248	746.191	ug/l	100
16) Acetone	2.392	43	728490	719.505	ug/l	98
17) Carbon Disulfide	2.508	76	740288	136.627	ug/l	100
18) Methyl Acetate	2.709	43	396429	149.926	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	1023104	148.608	ug/l	100
20) Methylene Chloride	2.788	84	330732	142.256	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	326615	143.927	ug/l	96
22) Diisopropyl ether	3.764	45	927996	149.053	ug/l	91
23) Vinyl Acetate	3.727	43	3985721	762.721	ug/l	100
24) 1,1-Dichloroethane	3.611	63	562709	147.679	ug/l	100
25) 2-Butanone	4.568	43	1223699	744.865	ug/l	100
26) 2,2-Dichloropropane	4.477	77	413810	137.383	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	382626	141.902	ug/l	94
28) Bromochloromethane	4.904	49	226738	147.857	ug/l	100
29) Tetrahydrofuran	5.013	42	799133	754.253	ug/l	96
30) Chloroform	5.099	83	600575	143.933	ug/l	98
31) Cyclohexane	5.477	56	524626	151.821	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	535537	142.915	ug/l	98
36) 1,1-Dichloropropene	5.696	75	452251	141.277	ug/l	99
37) Ethyl Acetate	4.721	43	466292	147.449	ug/l	99
38) Carbon Tetrachloride	5.684	117	465911	131.334	ug/l	98
39) Methylcyclohexane	7.385	83	569406	144.223	ug/l	96
40) Benzene	6.044	78	1327078	140.272	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	256687	150.882	ug/l	94
42) 1,2-Dichloroethane	6.092	62	452368	139.968	ug/l	99
43) Isopropyl Acetate	6.348	43	720824	147.438	ug/l	99
44) Trichloroethene	7.129	130	368468	118.022	ug/l	98
45) 1,2-Dichloropropane	7.434	63	329344	143.683	ug/l	98
46) Dibromomethane	7.586	93	240111	136.685	ug/l	94
47) Bromodichloromethane	7.824	83	464982	135.501	ug/l	99
48) Methyl methacrylate	7.696	41	358070	149.189	ug/l	93
49) 1,4-Dioxane	7.702	88	179907	2542.617	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	2256709	691.961	ug/l	99
52) Toluene	8.720	92	863524	137.186	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	500899	142.358	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	552896	141.937	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	350401	134.855	ug/l	99
56) Ethyl methacrylate	9.122	69	551997	147.047	ug/l	96
57) 1,3-Dichloropropane	9.311	76	579124	138.766	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1325504	750.629	ug/l	96
59) 2-Hexanone	9.439	43	1683547	665.399	ug/l	98
60) Dibromochloromethane	9.525	129	364871	127.571	ug/l	96
61) 1,2-Dibromoethane	9.610	107	375995	133.922	ug/l	99
64) Tetrachloroethene	9.275	164	320811	116.738	ug/l	96
65) Chlorobenzene	10.079	112	923935	121.818	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	341071	117.890	ug/l	99
67) Ethyl Benzene	10.195	91	1651539	127.754	ug/l	97
68) m/p-Xylenes	10.305	106	1286643	249.688	ug/l	99
69) o-Xylene	10.646	106	629566	124.048	ug/l	99
70) Styrene	10.659	104	1069823	126.615	ug/l	98
71) Bromoform	10.805	173	252375	104.800	ug/l #	99
73) Isopropylbenzene	10.963	105	1634952	111.462	ug/l	99
74) N-amyl acetate	10.848	43	573817	118.876	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	500601	101.583	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	452629m	102.323	ug/l	
77) Bromobenzene	11.201	156	385284	100.776	ug/l	96
78) n-propylbenzene	11.305	91	1872294	114.311	ug/l	99
79) 2-Chlorotoluene	11.366	91	1139892	110.518	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1381956	110.225	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	158528	107.246	ug/l	97
82) 4-Chlorotoluene	11.457	91	1299639	110.043	ug/l	100
83) tert-Butylbenzene	11.719	119	1353228	106.454	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1376841	110.268	ug/l	99
85) sec-Butylbenzene	11.890	105	1687647	112.206	ug/l	100
86) p-Isopropyltoluene	12.012	119	1436554	110.177	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	715759	99.322	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	725503	97.841	ug/l	98
89) n-Butylbenzene	12.335	91	1238559	116.019	ug/l	100
90) Hexachloroethane	12.542	117	233945	101.267	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	686731	96.637	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	117529	108.006	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	447281	101.479	ug/l	98
94) Hexachlorobutadiene	13.725	225	171098	86.006	ug/l	94
95) Naphthalene	13.774	128	1586502	110.748	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	438088	100.751	ug/l	96

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

