

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029074.D
 Acq On : 31 May 2022 14:04
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

Quant Time: May 31 15:52:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 31 15:52:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	294823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	467044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	442243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239615	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	467516	140.625	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 281.260%#			
35) Dibromofluoromethane	5.391	113	450404	145.188	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 290.380%#			
50) Toluene-d8	8.653	98	1648267	145.272	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 290.540%#			
62) 4-Bromofluorobenzene	11.085	95	679572	154.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 309.900%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	382220	149.104	ug/l	98
3) Chloromethane	1.288	50	364024	135.715	ug/l	100
4) Vinyl Chloride	1.374	62	425766	144.344	ug/l	99
5) Bromomethane	1.593	94	195715	130.715	ug/l	100
6) Chloroethane	1.666	64	173103	80.928	ug/l	96
7) Trichlorofluoromethane	1.874	101	648239	141.402	ug/l	97
8) Diethyl Ether	2.136	74	252698	143.826	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	391016	143.813	ug/l	96
10) Methyl Iodide	2.447	142	537133	180.525	ug/l	99
11) Tert butyl alcohol	2.995	59	541149	702.655	ug/l	100
12) 1,1-Dichloroethene	2.313	96	389577	146.611	ug/l	90
13) Acrolein	2.240	56	260888	747.639	ug/l	99
14) Allyl chloride	2.660	41	576707	144.511	ug/l	97
15) Acrylonitrile	3.069	53	1159566	731.245	ug/l	100
16) Acetone	2.386	43	904939	691.256	ug/l	99
17) Carbon Disulfide	2.502	76	1031867	141.582	ug/l	99
18) Methyl Acetate	2.703	43	488430	144.260	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	1329918	147.515	ug/l	99
20) Methylene Chloride	2.788	84	434358	142.310	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	439831	146.718	ug/l	92
22) Diisopropyl ether	3.764	45	1156377	144.873	ug/l	93
23) Vinyl Acetate	3.727	43	4963347	744.551	ug/l	97
24) 1,1-Dichloroethane	3.611	63	718626	145.515	ug/l	98
25) 2-Butanone	4.568	43	1540276	729.377	ug/l	97
26) 2,2-Dichloropropane	4.477	77	592844	146.325	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	516868	144.575	ug/l	91
28) Bromochloromethane	4.904	49	271713	136.740	ug/l	84
29) Tetrahydrofuran	5.013	42	997829	736.827	ug/l	100
30) Chloroform	5.099	83	787224	143.790	ug/l	100
31) Cyclohexane	5.471	56	643319	148.843	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	723655	145.969	ug/l	96
36) 1,1-Dichloropropene	5.696	75	584603	146.457	ug/l	97
37) Ethyl Acetate	4.721	43	581395	150.290	ug/l	98
38) Carbon Tetrachloride	5.678	117	662545	145.240	ug/l	99
39) Methylcyclohexane	7.385	83	749857	151.967	ug/l	96
40) Benzene	6.044	78	1738698	147.067	ug/l	99

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41) Methacrylonitrile	4.928	41	313516	150.046	ug/l	99
42) 1,2-Dichloroethane	6.092	62	561538	140.062	ug/l	97
43) Isopropyl Acetate	6.349	43	919341	151.905	ug/l	98
44) Trichloroethene	7.129	130	530895	130.819	ug/l	97
45) 1,2-Dichloropropane	7.434	63	423099	148.505	ug/l	99
46) Dibromomethane	7.586	93	323229	145.633	ug/l	96
47) Bromodichloromethane	7.824	83	634438	145.001	ug/l	99
48) Methyl methacrylate	7.696	41	450428	153.004	ug/l	97
49) 1,4-Dioxane	7.665	88	273303	3033.908	ug/l	92
51) 4-Methyl-2-Pentanone	8.586	43	3003301	746.103	ug/l	97
52) Toluene	8.720	92	1169306	148.065	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	708695	157.600	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	751874	152.816	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	489645	149.006	ug/l	99
56) Ethyl methacrylate	9.122	69	769351	164.940	ug/l	99
57) 1,3-Dichloropropane	9.311	76	775030	147.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	1795549	812.334	ug/l	92
59) 2-Hexanone	9.439	43	2360188	753.414	ug/l	99
60) Dibromochloromethane	9.525	129	577126	154.313	ug/l	96
61) 1,2-Dibromoethane	9.616	107	534943	150.513	ug/l	98
64) Tetrachloroethene	9.275	164	474770	142.579	ug/l	97
65) Chlorobenzene	10.080	112	1337260	147.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	527064	150.500	ug/l	98
67) Ethyl Benzene	10.195	91	2258267	147.936	ug/l	95
68) m/p-Xylenes	10.305	106	1859586	303.334	ug/l	93
69) o-Xylene	10.647	106	935113	154.340	ug/l	94
70) Styrene	10.659	104	1599441	158.623	ug/l	98
71) Bromoform	10.805	173	478974	158.419	ug/l #	99
73) Isopropylbenzene	10.964	105	2338843	145.249	ug/l	98
74) N-amyl acetate	10.848	43	824815	158.192	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	766059	141.124	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	683873m	140.790	ug/l	
77) Bromobenzene	11.201	156	635310	147.929	ug/l	92
78) n-propylbenzene	11.305	91	2681131	149.707	ug/l	95
79) 2-Chlorotoluene	11.366	91	1663588	146.958	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2070457	150.193	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.025	75	272413	164.534	ug/l	94
82) 4-Chlorotoluene	11.457	91	1912895	147.618	ug/l	95
83) tert-Butylbenzene	11.720	119	2116960	150.249	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	2069261	150.381	ug/l	97
85) sec-Butylbenzene	11.890	105	2503832	151.368	ug/l	96
86) p-Isopropyltoluene	12.012	119	2209767	152.799	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	1199922	148.242	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	1195393	145.882	ug/l	100
89) n-Butylbenzene	12.335	91	1852475	157.850	ug/l	98
90) Hexachloroethane	12.543	117	408053	155.185	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1154143	144.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	183923	151.750	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	774432	155.750	ug/l	99
94) Hexachlorobutadiene	13.725	225	318905	140.212	ug/l	95
95) Naphthalene	13.780	128	2532857	159.298	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	760796	154.945	ug/l	97

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

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