

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029290.D
 Acq On : 07 Jun 2022 21:15
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 08 01:57:14 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	200762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	331335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208719	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	446151	185.539	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 371.080%#	
35) Dibromofluoromethane	5.391	113	407702	178.643	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 357.280%#	
50) Toluene-d8	8.653	98	1390980	168.262	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 336.520%#	
62) 4-Bromofluorobenzene	11.085	95	561972	174.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 348.820%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	464420	232.495	ug/l	99
3) Chloromethane	1.288	50	448306	214.527	ug/l	99
4) Vinyl Chloride	1.374	62	499629	219.205	ug/l	97
5) Bromomethane	1.611	94	271631	226.756	ug/l	99
6) Chloroethane	1.685	64	186288	133.975	ug/l	96
7) Trichlorofluoromethane	1.880	101	726471	208.156	ug/l	97
8) Diethyl Ether	2.136	74	283818	212.699	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	455398	219.727	ug/l	99
10) Methyl Iodide	2.453	142	580807	246.174	ug/l	98
11) Tert butyl alcohol	3.081	59	546477m	906.648	ug/l	
12) 1,1-Dichloroethene	2.312	96	451157	221.898	ug/l	95
13) Acrolein	2.239	56	253476	969.109	ug/l	99
14) Allyl chloride	2.666	41	709924	228.748	ug/l	95
15) Acrylonitrile	3.075	53	1354201	1100.416	ug/l	99
16) Acetone	2.398	43	1059387	1041.724	ug/l	100
17) Carbon Disulfide	2.508	76	1160636	213.265	ug/l	99
18) Methyl Acetate	2.709	43	589790	222.074	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	1551271	224.335	ug/l	99
20) Methylene Chloride	2.788	84	506862	217.056	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	500003	219.364	ug/l	95
22) Diisopropyl ether	3.763	45	1375992	220.038	ug/l	# 89
23) Vinyl Acetate	3.727	43	5860571	1116.571	ug/l	99
24) 1,1-Dichloroethane	3.611	63	862214	225.288	ug/l	99
25) 2-Butanone	4.574	43	1783097	1080.601	ug/l	100
26) 2,2-Dichloropropane	4.477	77	636042	210.235	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	584556	215.837	ug/l	94
28) Bromochloromethane	4.903	49	315524	204.851	ug/l	97
29) Tetrahydrofuran	5.019	42	1158580	1088.709	ug/l	95
30) Chloroform	5.099	83	905552	216.069	ug/l	99
31) Cyclohexane	5.470	56	794175	228.816	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	818058	217.350	ug/l	98
36) 1,1-Dichloropropene	5.696	75	685209	215.913	ug/l	98
37) Ethyl Acetate	4.721	43	682276	217.625	ug/l	99
38) Carbon Tetrachloride	5.678	117	719657	204.627	ug/l	98
39) Methylcyclohexane	7.385	83	874646	223.464	ug/l	96
40) Benzene	6.044	78	2013398	214.668	ug/l	99

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41) Methacrylonitrile	4.928	41	366099	217.068	ug/l	96
42) 1,2-Dichloroethane	6.092	62	677808	211.547	ug/l	99
43) Isopropyl Acetate	6.348	43	1102027	227.371	ug/l	99
44) Trichloroethene	7.129	130	563761	182.147	ug/l	96
45) 1,2-Dichloropropane	7.434	63	504966	222.220	ug/l	98
46) Dibromomethane	7.586	93	369246	212.026	ug/l	94
47) Bromodichloromethane	7.824	83	707941	208.098	ug/l	98
48) Methyl methacrylate	7.696	41	536308	225.396	ug/l	94
49) 1,4-Dioxane	7.708	88	253724	3617.081	ug/l	97
51) 4-Methyl-2-Pentanone	8.586	43	3187640	985.914	ug/l	100
52) Toluene	8.720	92	1305587	209.221	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	782349	224.282	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	846816	219.283	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	529483	205.550	ug/l	99
56) Ethyl methacrylate	9.122	69	835874	224.607	ug/l	97
57) 1,3-Dichloropropane	9.311	76	868884	210.008	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	1932651	1103.981	ug/l	96
59) 2-Hexanone	9.439	43	2396391	955.385	ug/l	99
60) Dibromochloromethane	9.525	129	558773	197.066	ug/l	98
61) 1,2-Dibromoethane	9.616	107	572857	205.816	ug/l	99
64) Tetrachloroethene	9.275	164	487193	179.696	ug/l	96
65) Chlorobenzene	10.085	112	1391763	185.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	523956	183.569	ug/l	99
67) Ethyl Benzene	10.195	91	2498341	195.889	ug/l	98
68) m/p-Xylenes	10.305	106	1956059	384.764	ug/l	97
69) o-Xylene	10.646	106	965881	192.906	ug/l	99
70) Styrene	10.659	104	1624907	194.928	ug/l	98
71) Bromoform	10.805	173	389265	163.845	ug/l #	99
73) Isopropylbenzene	10.963	105	2459693	169.117	ug/l	100
74) N-amyl acetate	10.848	43	859430	179.564	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.219	83	756672	154.855	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	651473m	148.530	ug/l	
77) Bromobenzene	11.201	156	576513	152.079	ug/l	97
78) n-propylbenzene	11.311	91	2806051	172.781	ug/l	98
79) 2-Chlorotoluene	11.366	91	1695080	165.747	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	2076439	167.029	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	243682	166.258	ug/l	98
82) 4-Chlorotoluene	11.457	91	1942342	165.864	ug/l	99
83) tert-Butylbenzene	11.719	119	2045797	162.307	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2073044	167.440	ug/l	100
85) sec-Butylbenzene	11.890	105	2544936	170.646	ug/l	99
86) p-Isopropyltoluene	12.012	119	2154250	166.629	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	1087602	152.207	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	1083388	147.350	ug/l	98
89) n-Butylbenzene	12.335	91	1868769	176.545	ug/l	99
90) Hexachloroethane	12.542	117	370673	161.819	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	1050078	149.026	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	180851	167.613	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	693479	158.678	ug/l	98
94) Hexachlorobutadiene	13.725	225	269020	136.381	ug/l	95
95) Naphthalene	13.780	128	2410703	169.717	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	683460	158.521	ug/l	95

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

