

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011122\
 Data File : VX026419.D
 Acq On : 11 Jan 2022 13:57
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 11 14:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 13:56:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	110522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72156	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	224865	140.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 281.260%#	
35) Dibromofluoromethane	5.391	113	174555	149.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 298.380%#	
50) Toluene-d8	8.653	98	625147	143.646	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 287.300%#	
62) 4-Bromofluorobenzene	11.085	95	228551	147.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 295.040%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	194755	167.781	ug/l	98
3) Chloromethane	1.294	50	177353	131.259	ug/l	99
4) Vinyl Chloride	1.380	62	192170	135.141	ug/l	99
5) Bromomethane	1.618	94	85909	97.894	ug/l	99
6) Chloroethane	1.691	64	80764	80.770	ug/l	100
7) Trichlorofluoromethane	1.886	101	297694	121.531	ug/l	97
8) Diethyl Ether	2.136	74	106965	127.113	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	182550	141.364	ug/l	98
10) Methyl Iodide	2.459	142	212165	127.048	ug/l	99
11) Tert butyl alcohol	3.087	59	133503m	418.035	ug/l	
12) 1,1-Dichloroethene	2.325	96	176793	144.457	ug/l	97
13) Acrolein	2.239	56	203615	1783.019	ug/l	98
14) Allyl chloride	2.666	41	337441	139.520	ug/l	97
15) Acrylonitrile	3.075	53	489361	618.903	ug/l	100
16) Acetone	2.392	43	539378	622.606	ug/l	98
17) Carbon Disulfide	2.514	76	506299	144.146	ug/l	100
18) Methyl Acetate	2.709	43	232723	82.818	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	641471	150.059	ug/l	98
20) Methylene Chloride	2.794	84	187695	123.084	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	189728	142.107	ug/l	95
22) Diisopropyl ether	3.764	45	649807	140.766	ug/l	98
23) Vinyl Acetate	3.727	43	2784009	759.510	ug/l	98
24) 1,1-Dichloroethane	3.611	63	358005	143.107	ug/l	98
25) 2-Butanone	4.568	43	757015	627.299	ug/l	98
26) 2,2-Dichloropropane	4.483	77	295967	157.023	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	221216	145.640	ug/l	94
28) Bromochloromethane	4.904	49	152938	137.930	ug/l	94
29) Tetrahydrofuran	5.013	42	453875	596.706	ug/l	96
30) Chloroform	5.099	83	364552	137.775	ug/l	99
31) Cyclohexane	5.477	56	340527	149.549	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	339640	147.651	ug/l	99
36) 1,1-Dichloropropene	5.696	75	282968	149.949	ug/l	99
37) Ethyl Acetate	4.721	43	290053	132.559	ug/l	100
38) Carbon Tetrachloride	5.684	117	303673	144.665	ug/l	99
39) Methylcyclohexane	7.385	83	348936	163.921	ug/l	95
40) Benzene	6.044	78	776726	144.217	ug/l	98

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41) Methacrylonitrile	4.928	41	162883	131.823	ug/l	95
42) 1,2-Dichloroethane	6.092	62	298551	136.971	ug/l	99
43) Isopropyl Acetate	6.342	43	474934	133.180	ug/l	99
44) Trichloroethene	7.129	130	225878	155.862	ug/l	93
45) 1,2-Dichloropropane	7.434	63	197886	143.647	ug/l	96
46) Dibromomethane	7.586	93	138021	135.074	ug/l	98
47) Bromodichloromethane	7.824	83	283654	136.445	ug/l	97
48) Methyl methacrylate	7.696	41	230913	135.014	ug/l	92
49) 1,4-Dioxane	7.702	88	71807	2278.298	ug/l	92
51) 4-Methyl-2-Pentanone	8.586	43	1301323	586.388	ug/l	100
52) Toluene	8.720	92	475187	143.317	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	300065	152.751	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	329043	149.752	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	179307	131.581	ug/l	98
56) Ethyl methacrylate	9.122	69	298165	141.869	ug/l	95
57) 1,3-Dichloropropane	9.311	76	314381	134.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	739602	741.982	ug/l	98
59) 2-Hexanone	9.439	43	1017379	605.215	ug/l	100
60) Dibromochloromethane	9.525	129	207192	134.217	ug/l	100
61) 1,2-Dibromoethane	9.610	107	194792	133.599	ug/l	99
64) Tetrachloroethene	9.275	164	217451	171.377	ug/l	100
65) Chlorobenzene	10.079	112	484807	146.777	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	188185	149.516	ug/l	99
67) Ethyl Benzene	10.195	91	895593	151.641	ug/l	98
68) m/p-Xylenes	10.305	106	669709	303.699	ug/l	95
69) o-Xylene	10.646	106	325764	150.983	ug/l	96
70) Styrene	10.659	104	545799	154.306	ug/l	97
71) Bromoform	10.805	173	142758	139.816	ug/l	99
73) Isopropylbenzene	10.963	105	866150	154.430	ug/l	99
74) N-amyl acetate	10.848	43	381946	148.306	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.220	83	238429	124.996	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	229509m	131.775	ug/l	
77) Bromobenzene	11.201	156	200596	150.813	ug/l	94
78) n-propylbenzene	11.305	91	1008485	156.387	ug/l	99
79) 2-Chlorotoluene	11.366	91	597507	150.523	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	721143	154.935	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	82456	136.964	ug/l	96
82) 4-Chlorotoluene	11.457	91	681665	152.053	ug/l	97
83) tert-Butylbenzene	11.719	119	688763	152.457	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	722062	155.257	ug/l	98
85) sec-Butylbenzene	11.890	105	897432	159.180	ug/l	99
86) p-Isopropyltoluene	12.012	119	765019	162.772	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	382552	153.211	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	387209	144.639	ug/l	99
89) n-Butylbenzene	12.335	91	685319	164.077	ug/l	99
90) Hexachloroethane	12.542	117	129358	137.802	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	365991	141.301	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65495	134.127	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	252675	165.081	ug/l	100
94) Hexachlorobutadiene	13.725	225	104553	164.517	ug/l	100
95) Naphthalene	13.780	128	839172	150.478	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	248410	159.516	ug/l	99

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

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