

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028051.D
 Acq On : 12 Apr 2022 12:43
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/13/2022

Quant Time: Apr 12 13:38:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 13:30:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	211648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	248925	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	289731	140.989	ug/l	100
3) Chloromethane	1.288	50	305971	134.533	ug/l	99
4) Vinyl Chloride	1.374	62	365780	133.776	ug/l	98
5) Bromomethane	1.593	94	428071	139.666	ug/l	99
6) Chloroethane	1.660	64	361625	154.651	ug/l	97
7) Trichlorofluoromethane	1.874	101	795119	148.277	ug/l	98
8) Diethyl Ether	2.136	74	295102	143.602	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	310284	145.447	ug/l	96
10) Methyl Iodide	2.447	142	414929	167.020	ug/l	96
11) Tert butyl alcohol	2.995	59	495263	743.063	ug/l	100
12) 1,1-Dichloroethene	2.312	96	300695	143.937	ug/l	96
13) Acrolein	2.239	56	259888	676.952	ug/l	98
14) Allyl chloride	2.660	41	556181	150.430	ug/l	88
15) Acrylonitrile	3.068	53	1051756	761.516	ug/l	98
16) Acetone	2.386	43	842244	704.021	ug/l	92
17) Carbon Disulfide	2.508	76	862487	157.104	ug/l	99
18) Methyl Acetate	2.703	43	467638	146.491	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	1243233	158.461	ug/l	100
20) Methylene Chloride	2.788	84	355984	149.395	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	376648	150.508	ug/l	97
22) Diisopropyl ether	3.763	45	1294127	163.111	ug/l	90
23) Vinyl Acetate	3.727	43	5786200	820.749	ug/l	99
24) 1,1-Dichloroethane	3.611	63	656069	152.752	ug/l	99
25) 2-Butanone	4.562	43	1541230	745.308	ug/l	94
26) 2,2-Dichloropropane	4.477	77	606660	152.144	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	419902	148.853	ug/l	100
28) Bromochloromethane	4.903	49	280876	152.141	ug/l	91
29) Tetrahydrofuran	5.007	42	1035867	766.403	ug/l	91
30) Chloroform	5.099	83	737985	154.518	ug/l	98
31) Cyclohexane	5.470	56	594935	150.686	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	657940	152.100	ug/l	98
36) 1,1-Dichloropropene	5.696	75	529663	155.011	ug/l	99
37) Ethyl Acetate	4.721	43	633217	159.079	ug/l	96
38) Carbon Tetrachloride	5.678	117	576894	158.144	ug/l	99
39) Methylcyclohexane	7.385	83	624154	154.524	ug/l	95
40) Benzene	6.044	78	1521838	153.163	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	330503	156.067	ug/l	91
42) 1,2-Dichloroethane	6.092	62	587212	156.510	ug/l	96
43) Isopropyl Acetate	6.348	43	1023636	154.358	ug/l	93
44) Trichloroethene	7.129	130	402944	152.505	ug/l	99
45) 1,2-Dichloropropane	7.434	63	374707	149.643	ug/l	98
46) Dibromomethane	7.580	93	283329	153.377	ug/l	94
47) Bromodichloromethane	7.824	83	574575	160.937	ug/l	98
48) Methyl methacrylate	7.696	41	469929	155.228	ug/l #	82
49) 1,4-Dioxane	7.665	88	198867	2942.556	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	3419787	808.809	ug/l	93
52) Toluene	8.720	92	1152552	173.867	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	694421	172.201	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	678749	162.277	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	434724	161.772	ug/l	96
56) Ethyl methacrylate	9.122	69	745126	176.401	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	696062	156.248	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	1582348	829.965	ug/l	99
59) 2-Hexanone	9.439	43	2701250	815.737	ug/l	92
60) Dibromochloromethane	9.525	129	510124	177.582	ug/l	96
61) 1,2-Dibromoethane	9.616	107	484679	165.604	ug/l	100
64) Tetrachloroethene	9.275	164	388378	139.908	ug/l	99
65) Chlorobenzene	10.085	112	1188036	155.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	445961	158.104	ug/l	99
67) Ethyl Benzene	10.195	91	2127818	158.281	ug/l	98
68) m/p-Xylenes	10.305	106	1974144	351.677	ug/l	95
69) o-Xylene	10.646	106	958220	175.603	ug/l	98
70) Styrene	10.659	104	1783931	189.842	ug/l	99
71) Bromoform	10.805	173	448719	191.233	ug/l #	100
73) Isopropylbenzene	10.963	105	2585974	146.235	ug/l	98
74) N-amyl acetate	10.848	43	1063138	139.109	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	828212	134.063	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	703737m	126.990	ug/l	
77) Bromobenzene	11.201	156	622559	144.114	ug/l	99
78) n-propylbenzene	11.311	91	2927668	142.454	ug/l	98
79) 2-Chlorotoluene	11.366	91	1772736	142.237	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	2296699	150.351	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	303702	154.352	ug/l	94
82) 4-Chlorotoluene	11.457	91	2205360	150.313	ug/l	97
83) tert-Butylbenzene	11.719	119	2183225	147.720	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2235240	149.461	ug/l	98
85) sec-Butylbenzene	11.896	105	2753401	145.967	ug/l	98
86) p-Isopropyltoluene	12.012	119	2435744	152.390	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	1228145	145.906	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	1325532	150.120	ug/l	100
89) n-Butylbenzene	12.335	91	2112727	154.428	ug/l	99
90) Hexachloroethane	12.542	117	399419	148.728	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	1245421	148.076	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	184621	135.839	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	664906	141.375	ug/l	99
94) Hexachlorobutadiene	13.725	225	248839	131.121	ug/l	94
95) Naphthalene	13.780	128	2326534	141.636	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	661053	142.026	ug/l	97

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

