

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028050.D
 Acq On : 12 Apr 2022 12:20
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Apr 12 13:07:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 12:56:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	199445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	326041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	269276	91.319	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 182.640%#	
35) Dibromofluoromethane	5.385	113	215713	99.588	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 199.180%#	
50) Toluene-d8	8.653	98	852755	108.719	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 217.440%#	
62) 4-Bromofluorobenzene	11.085	95	368610	112.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 224.500%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	185044	69.276	ug/l	99
3) Chloromethane	1.288	50	194043	83.192	ug/l	98
4) Vinyl Chloride	1.374	62	240210	102.523	ug/l	99
5) Bromomethane	1.593	94	273800	191.149	ug/l	98
6) Chloroethane	1.673	64	207421	128.114	ug/l	99
7) Trichlorofluoromethane	1.880	101	479676	119.162	ug/l	97
8) Diethyl Ether	2.136	74	175259	126.780	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	188771	83.884	ug/l	97
10) Methyl Iodide	2.447	142	261964	104.591	ug/l	97
11) Tert butyl alcohol	2.983	59	329994	603.782	ug/l	100
12) 1,1-Dichloroethene	2.313	96	185132	87.090	ug/l	96
13) Acrolein	2.233	56	166736	365.608	ug/l	99
14) Allyl chloride	2.660	41	340453	96.994	ug/l	88
15) Acrylonitrile	3.069	53	672833	524.002	ug/l	98
16) Acetone	2.380	43	540787	438.982	ug/l	91
17) Carbon Disulfide	2.508	76	529926	96.445	ug/l	100
18) Methyl Acetate	2.703	43	292317	93.805	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	770074	103.996	ug/l	99
20) Methylene Chloride	2.788	84	221755	91.255	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	233572	107.341	ug/l	98
22) Diisopropyl ether	3.764	45	785522	105.983	ug/l	89
23) Vinyl Acetate	3.727	43	3567220	546.726	ug/l	96
24) 1,1-Dichloroethane	3.611	63	411375	98.280	ug/l	99
25) 2-Butanone	4.562	43	992240	504.339	ug/l	95
26) 2,2-Dichloropropane	4.477	77	383875	110.235	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	264585	104.773	ug/l	99
28) Bromochloromethane	4.904	49	170302	95.851	ug/l	90
29) Tetrahydrofuran	5.007	42	666144	530.984	ug/l	90
30) Chloroform	5.099	83	461133	101.236	ug/l	98
31) Cyclohexane	5.471	56	380450	103.922	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	411773	103.025	ug/l	98
36) 1,1-Dichloropropene	5.696	75	328586	102.322	ug/l	99
37) Ethyl Acetate	4.715	43	397591	104.746	ug/l	95
38) Carbon Tetrachloride	5.678	117	363045	104.931	ug/l	100
39) Methylcyclohexane	7.385	83	393135	104.995	ug/l	96
40) Benzene	6.044	78	965610	106.596	ug/l	99

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41) Methacrylonitrile	4.922	41	203510	102.922	ug/l	91
42) 1,2-Dichloroethane	6.092	62	370035	98.198	ug/l	97
43) Isopropyl Acetate	6.342	43	646279	111.993	ug/l	93
44) Trichloroethene	7.129	130	252939	104.727	ug/l	100
45) 1,2-Dichloropropane	7.434	63	238502	105.688	ug/l	98
46) Dibromomethane	7.580	93	178160	98.923	ug/l	95
47) Bromodichloromethane	7.824	83	355457	106.929	ug/l	100
48) Methyl methacrylate	7.696	41	292158	101.806	ug/l #	83
49) 1,4-Dioxane	7.665	88	134900	2348.124	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	2148363	572.292	ug/l	92
52) Toluene	8.720	92	668574	113.826	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	428474	127.081	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	430881	120.133	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	267595	116.147	ug/l	97
56) Ethyl methacrylate	9.122	69	444415	122.650	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	434363	110.177	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	974267	577.521	ug/l	99
59) 2-Hexanone	9.433	43	1772209	588.710	ug/l	89
60) Dibromochloromethane	9.525	129	306375	127.953	ug/l	96
61) 1,2-Dibromoethane	9.610	107	298897	116.652	ug/l	100
64) Tetrachloroethene	9.275	164	244702	102.625	ug/l	98
65) Chlorobenzene	10.080	112	715172	105.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	271149	109.289	ug/l	98
67) Ethyl Benzene	10.195	91	1296291	104.672	ug/l	99
68) m/p-Xylenes	10.305	106	1143485	242.997	ug/l	97
69) o-Xylene	10.647	106	544574	117.720	ug/l	99
70) Styrene	10.659	104	1009940	131.670	ug/l	98
71) Bromoform	10.805	173	255525	137.003	ug/l	100
73) Isopropylbenzene	10.964	105	1459155	83.606	ug/l	100
74) N-amyl acetate	10.848	43	677175	87.534	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	488167	82.873	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	446914m	80.427	ug/l	
77) Bromobenzene	11.201	156	357484	86.233	ug/l	98
78) n-propylbenzene	11.305	91	1742592	83.774	ug/l	99
79) 2-Chlorotoluene	11.366	91	1044972	82.152	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1421241	94.918	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	181391	110.883	ug/l	94
82) 4-Chlorotoluene	11.457	91	1381055	92.750	ug/l	97
83) tert-Butylbenzene	11.720	119	1286894	91.969	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1347270	89.745	ug/l	100
85) sec-Butylbenzene	11.890	105	1662710	93.912	ug/l	99
86) p-Isopropyltoluene	12.012	119	1474645	99.388	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	728056	93.701	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	780224	97.081	ug/l	99
89) n-Butylbenzene	12.335	91	1294634	97.394	ug/l	99
90) Hexachloroethane	12.543	117	237688	103.471	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	735410	97.142	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	114902	78.394	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	390297	84.951	ug/l	99
94) Hexachlorobutadiene	13.725	225	152786	72.854	ug/l	94
95) Naphthalene	13.780	128	1404802	88.670	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	392142	87.021	ug/l	96

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

