

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028636.D
 Acq On : 12 May 2022 14:03
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 12 14:24:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	198211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	332211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	279446	106.544	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 213.080%#			
35) Dibromofluoromethane	5.391	113	229830	98.952	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 197.900%#			
50) Toluene-d8	8.653	98	868339	97.612	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 195.220%#			
62) 4-Bromofluorobenzene	11.085	95	338644	100.096	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 200.200%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	272805	178.782	ug/l	100
3) Chloromethane	1.288	50	237165	143.151	ug/l	100
4) Vinyl Chloride	1.374	62	263928	123.782	ug/l	100
5) Bromomethane	1.599	94	183139	88.896	ug/l	99
6) Chloroethane	1.672	64	171552	91.463	ug/l	99
7) Trichlorofluoromethane	1.880	101	413687	93.089	ug/l	99
8) Diethyl Ether	2.136	74	150377	97.553	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	214849	122.870	ug/l	95
10) Methyl Iodide	2.453	142	289857	133.435	ug/l	94
11) Tert butyl alcohol	2.983	59	299149	541.947	ug/l	99
12) 1,1-Dichloroethene	2.319	96	205159	124.105	ug/l	99
13) Acrolein	2.233	56	224684	689.231	ug/l	98
14) Allyl chloride	2.660	41	339583	125.395	ug/l	92
15) Acrylonitrile	3.062	53	663561	603.974	ug/l	99
16) Acetone	2.380	43	560411	613.688	ug/l	91
17) Carbon Disulfide	2.508	76	549678	125.287	ug/l	99
18) Methyl Acetate	2.703	43	288932	119.263	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	746629	114.594	ug/l	100
20) Methylene Chloride	2.788	84	235167	116.051	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	234046	109.827	ug/l	99
22) Diisopropyl ether	3.764	45	712996	117.620	ug/l	93
23) Vinyl Acetate	3.721	43	3173578	600.147	ug/l	97
24) 1,1-Dichloroethane	3.611	63	413291	114.896	ug/l	99
25) 2-Butanone	4.556	43	935383	590.225	ug/l	96
26) 2,2-Dichloropropane	4.477	77	344383	102.271	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	272152	107.852	ug/l	99
28) Bromochloromethane	4.897	49	179042	121.183	ug/l	94
29) Tetrahydrofuran	5.007	42	609760	589.183	ug/l	93
30) Chloroform	5.099	83	449847	107.005	ug/l	99
31) Cyclohexane	5.471	56	378986	114.891	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	400374	105.785	ug/l	99
36) 1,1-Dichloropropene	5.696	75	332099	106.504	ug/l	99
37) Ethyl Acetate	4.715	43	365182	114.457	ug/l	97
38) Carbon Tetrachloride	5.678	117	353583	102.453	ug/l	99
39) Methylcyclohexane	7.379	83	392184	101.084	ug/l	98
40) Benzene	6.038	78	964653	106.522	ug/l	100

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41) Methacrylonitrile	4.922	41	194352	118.193	ug/l	93
42) 1,2-Dichloroethane	6.086	62	351009	104.359	ug/l	98
43) Isopropyl Acetate	6.342	43	577334	112.046	ug/l	95
44) Trichloroethene	7.129	130	263549	100.929	ug/l	97
45) 1,2-Dichloropropane	7.434	63	245103	109.899	ug/l	97
46) Dibromomethane	7.580	93	180361	103.856	ug/l	92
47) Bromodichloromethane	7.824	83	350595	105.477	ug/l	99
48) Methyl methacrylate	7.696	41	280686	117.389	ug/l	87
49) 1,4-Dioxane	7.665	88	138754	2227.567	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1890121	569.978	ug/l	95
52) Toluene	8.720	92	628131	100.779	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	390053	111.068	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	410921	108.247	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	257500	101.584	ug/l	100
56) Ethyl methacrylate	9.116	69	422995	114.273	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	433317	105.228	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1022133	593.788	ug/l	99
59) 2-Hexanone	9.433	43	1513073	587.867	ug/l	92
60) Dibromochloromethane	9.525	129	274926	101.221	ug/l	98
61) 1,2-Dibromoethane	9.610	107	278257	101.213	ug/l	98
64) Tetrachloroethene	9.275	164	239129	96.631	ug/l	97
65) Chlorobenzene	10.079	112	689395	102.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	256550	102.919	ug/l	98
67) Ethyl Benzene	10.195	91	1240295	108.676	ug/l	98
68) m/p-Xylenes	10.305	106	978289	212.502	ug/l	100
69) o-Xylene	10.646	106	483226	105.555	ug/l	100
70) Styrene	10.659	104	814893	109.354	ug/l	98
71) Bromoform	10.799	173	207028	106.632	ug/l	100
73) Isopropylbenzene	10.963	105	1248640	108.007	ug/l	100
74) N-amyl acetate	10.848	43	550810	133.519	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	420226	111.544	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	386937m	115.942	ug/l	
77) Bromobenzene	11.201	156	305841	102.955	ug/l	96
78) n-propylbenzene	11.305	91	1465829	113.635	ug/l	99
79) 2-Chlorotoluene	11.366	91	887739	111.197	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1076995	110.302	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	137999	123.953	ug/l	92
82) 4-Chlorotoluene	11.457	91	1041611	113.119	ug/l	100
83) tert-Butylbenzene	11.719	119	1045030	105.730	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1080148	111.292	ug/l	100
85) sec-Butylbenzene	11.890	105	1273716	106.475	ug/l	100
86) p-Isopropyltoluene	12.012	119	1087332	105.779	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	588223	105.413	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	593422	101.494	ug/l	98
89) n-Butylbenzene	12.335	91	965541	112.933	ug/l	98
90) Hexachloroethane	12.542	117	191393	116.485	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	573560	103.438	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	99052	118.533	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	344025	104.278	ug/l	98
94) Hexachlorobutadiene	13.725	225	134777	92.498	ug/l	92
95) Naphthalene	13.774	128	1261578	113.736	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	341701	105.782	ug/l	95

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

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