

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034151.D
 Acq On : 17 Feb 2023 11:17
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 17 12:16:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:12:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	423891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	720023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	617815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	298041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	576624	101.006	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 202.020%#			
35) Dibromofluoromethane	5.385	113	463386	98.844	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.680%#			
50) Toluene-d8	8.653	98	1632787	97.007	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 194.020%#			
62) 4-Bromofluorobenzene	11.079	95	648664	100.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 201.500%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	418233	114.182	ug/l	99
3) Chloromethane	1.294	50	575899	109.257	ug/l	98
4) Vinyl Chloride	1.373	62	514281	107.132	ug/l	99
5) Bromomethane	1.599	94	168284	98.921	ug/l	100
6) Chloroethane	1.672	64	248945	103.155	ug/l	99
7) Trichlorofluoromethane	1.879	101	688006	105.937	ug/l	98
8) Diethyl Ether	2.129	74	265485	101.468	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	486649	106.401	ug/l	94
10) Methyl Iodide	2.452	142	629904	113.113	ug/l	94
11) Tert butyl alcohol	2.965	59	664520	520.437	ug/l #	83
12) 1,1-Dichloroethene	2.318	96	488927	106.640	ug/l	95
13) Acrolein	2.233	56	301781	517.762	ug/l	99
14) Allyl chloride	2.660	41	1041632	107.102	ug/l	89
15) Acrylonitrile	3.062	53	1463829	525.522	ug/l	99
16) Acetone	2.379	43	1472729	500.097	ug/l	92
17) Carbon Disulfide	2.507	76	1408964	106.887	ug/l	98
18) Methyl Acetate	2.702	43	1010033	110.844	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1699657	105.036	ug/l	97
20) Methylene Chloride	2.788	84	548677	103.404	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	506460	105.418	ug/l	94
22) Diisopropyl ether	3.757	45	1670158	97.955	ug/l	97
23) Vinyl Acetate	3.720	43	6624459	484.936	ug/l	97
24) 1,1-Dichloroethane	3.611	63	1000938	106.935	ug/l	99
25) 2-Butanone	4.550	43	2158580	506.591	ug/l	98
26) 2,2-Dichloropropane	4.476	77	888831	104.823	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	601382	105.708	ug/l	93
28) Bromochloromethane	4.897	49	395680	94.761	ug/l	88
29) Tetrahydrofuran	5.001	42	1300038	500.132	ug/l	100
30) Chloroform	5.092	83	945079	105.148	ug/l	98
31) Cyclohexane	5.470	56	892753	104.743	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	854011	105.994	ug/l	99
36) 1,1-Dichloropropene	5.690	75	729422	105.207	ug/l	98
37) Ethyl Acetate	4.708	43	805493	103.955	ug/l	99
38) Carbon Tetrachloride	5.677	117	749220	105.016	ug/l	99
39) Methylcyclohexane	7.378	83	927660	103.972	ug/l	98
40) Benzene	6.037	78	2081827	101.325	ug/l	99

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41) Methacrylonitrile	4.915	41	451671	104.623	ug/l	99
42) 1,2-Dichloroethane	6.086	62	756275	104.657	ug/l	98
43) Isopropyl Acetate	6.336	43	1405617	102.799	ug/l	99
44) Trichloroethene	7.122	130	554458	105.159	ug/l	90
45) 1,2-Dichloropropane	7.427	63	567957	103.839	ug/l	100
46) Dibromomethane	7.580	93	380061	105.583	ug/l #	85
47) Bromodichloromethane	7.823	83	767749	103.929	ug/l	96
48) Methyl methacrylate	7.689	41	677054	104.324	ug/l	98
49) 1,4-Dioxane	7.659	88	264122	2040.373	ug/l #	96
51) 4-Methyl-2-Pentanone	8.573	43	3647400	484.843	ug/l	99
52) Toluene	8.720	92	1262991	101.449	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	882158	103.744	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	937685	103.007	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	512392	101.966	ug/l	98
56) Ethyl methacrylate	9.116	69	875199	102.954	ug/l	98
57) 1,3-Dichloropropane	9.311	76	879928	100.644	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1808776	491.181	ug/l	97
59) 2-Hexanone	9.433	43	2810477	490.211	ug/l	99
60) Dibromochloromethane	9.524	129	578662	104.217	ug/l	100
61) 1,2-Dibromoethane	9.610	107	548077	103.127	ug/l	99
64) Tetrachloroethene	9.274	164	438940	100.665	ug/l	93
65) Chlorobenzene	10.079	112	1321858	102.642	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	516430	103.586	ug/l	98
67) Ethyl Benzene	10.195	91	2375372	102.668	ug/l	100
68) m/p-Xylenes	10.305	106	1797584	203.023	ug/l	99
69) o-Xylene	10.640	106	906386	102.827	ug/l	97
70) Styrene	10.658	104	1493605	104.186	ug/l	95
71) Bromoform	10.798	173	434402	106.746	ug/l #	99
73) Isopropylbenzene	10.963	105	2289073	100.776	ug/l	99
74) N-amyl acetate	10.841	43	1169902	102.519	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	783276	100.821	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	759195m	82.355	ug/l	
77) Bromobenzene	11.201	156	562977	102.992	ug/l	83
78) n-propylbenzene	11.304	91	2689647	101.814	ug/l	100
79) 2-Chlorotoluene	11.365	91	1653065	102.050	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	1932692	101.203	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	309007	105.848	ug/l	91
82) 4-Chlorotoluene	11.457	91	1866225	101.152	ug/l	96
83) tert-Butylbenzene	11.713	119	1995504	102.025	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	1968639	101.953	ug/l	98
85) sec-Butylbenzene	11.890	105	2453205	103.284	ug/l	99
86) p-Isopropyltoluene	12.012	119	2054766	104.531	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	1076912	105.049	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	1072136	104.691	ug/l	97
89) n-Butylbenzene	12.335	91	1881073	107.442	ug/l	98
90) Hexachloroethane	12.542	117	439829	107.015	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	1030535	102.744	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	195082	105.300	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	700601	108.797	ug/l	98
94) Hexachlorobutadiene	13.725	225	285859	107.083	ug/l	99
95) Naphthalene	13.774	128	2304874	106.251	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	681156	106.546	ug/l	97

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

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