

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027332.D
 Acq On : 08 Mar 2022 15:06
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 08 15:41:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:10:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	359869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	582113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	551993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	272970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	404152	160.219	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 320.440%#			
35) Dibromofluoromethane	5.385	113	361281	159.714	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 319.420%#			
50) Toluene-d8	8.653	98	1366901	166.432	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 332.860%#			
62) 4-Bromofluorobenzene	11.085	95	528180	175.841	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 351.680%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	344617	112.946	ug/l	99
3) Chloromethane	1.294	50	342085	89.344	ug/l	99
4) Vinyl Chloride	1.374	62	368916	87.323	ug/l	100
5) Bromomethane	1.593	94	145522	90.002	ug/l	97
6) Chloroethane	1.672	64	207656	60.760	ug/l	98
7) Trichlorofluoromethane	1.880	101	497913	83.840	ug/l	96
8) Diethyl Ether	2.136	74	196748	83.299	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	325910	93.594	ug/l	96
10) Methyl Iodide	2.447	142	503405	138.334	ug/l	99
11) Tert butyl alcohol	2.977	59	384146	600.857	ug/l	99
12) 1,1-Dichloroethene	2.312	96	324851	92.355	ug/l	98
13) Acrolein	2.239	56	278736	895.390	ug/l	98
14) Allyl chloride	2.660	41	513259	109.933	ug/l	95
15) Acrylonitrile	3.068	53	985918	555.289	ug/l	100
16) Acetone	2.386	43	768334	466.794	ug/l	99
17) Carbon Disulfide	2.508	76	845838	92.065	ug/l	99
18) Methyl Acetate	2.703	43	416556	112.487	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	1075854	110.149	ug/l	100
20) Methylene Chloride	2.788	84	366211	91.732	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	347251	96.442	ug/l	98
22) Diisopropyl ether	3.763	45	1013602	108.866	ug/l	92
23) Vinyl Acetate	3.727	43	4371287	580.782	ug/l	97
24) 1,1-Dichloroethane	3.611	63	612097	99.394	ug/l	99
25) 2-Butanone	4.562	43	1314828	593.639	ug/l	99
26) 2,2-Dichloropropane	4.477	77	455807	93.555	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	407145	100.681	ug/l	96
28) Bromochloromethane	4.903	49	264371	104.489	ug/l	96
29) Tetrahydrofuran	5.007	42	868856	631.640	ug/l	94
30) Chloroform	5.099	83	638296	95.526	ug/l	99
31) Cyclohexane	5.470	56	548068	122.561	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	563302	101.259	ug/l	98
36) 1,1-Dichloropropene	5.696	75	478223	99.120	ug/l	98
37) Ethyl Acetate	4.721	43	504203	116.209	ug/l	100
38) Carbon Tetrachloride	5.678	117	502023	95.672	ug/l	99
39) Methylcyclohexane	7.385	83	609276	112.071	ug/l	98
40) Benzene	6.043	78	1425014	98.363	ug/l	99

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41) Methacrylonitrile	4.928	41	279729	119.024	ug/l	94
42) 1,2-Dichloroethane	6.092	62	476864	95.596	ug/l	99
43) Isopropyl Acetate	6.342	43	785840	118.545	ug/l	99
44) Trichloroethene	7.129	130	399705	99.278	ug/l	99
45) 1,2-Dichloropropane	7.433	63	367909	97.295	ug/l	98
46) Dibromomethane	7.586	93	261637	101.294	ug/l	99
47) Bromodichloromethane	7.824	83	495948	95.454	ug/l	99
48) Methyl methacrylate	7.696	41	395202	123.124	ug/l	93
49) 1,4-Dioxane	7.665	88	189132	2212.871	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	2564927	619.679	ug/l	98
52) Toluene	8.720	92	933520	105.742	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	550883	110.424	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	599056	105.788	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	391733	102.343	ug/l	98
56) Ethyl methacrylate	9.122	69	616457	131.363	ug/l	94
57) 1,3-Dichloropropane	9.311	76	632286	100.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1620353	615.277	ug/l	100
59) 2-Hexanone	9.433	43	1987965	644.066	ug/l	95
60) Dibromochloromethane	9.525	129	419070	101.529	ug/l	97
61) 1,2-Dibromoethane	9.610	107	418299	107.359	ug/l	99
64) Tetrachloroethene	9.275	164	336669	95.491	ug/l	98
65) Chlorobenzene	10.079	112	1041576	103.176	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	379752	100.615	ug/l	99
67) Ethyl Benzene	10.195	91	1826500	111.525	ug/l	98
68) m/p-Xylenes	10.305	106	1440164	232.501	ug/l	98
69) o-Xylene	10.646	106	715971	121.707	ug/l	98
70) Styrene	10.659	104	1198885	122.639	ug/l	99
71) Bromoform	10.805	173	318229	105.467	ug/l #	99
73) Isopropylbenzene	10.963	105	1834734	120.158	ug/l	100
74) N-amyl acetate	10.848	43	704222	132.000	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	595399	101.857	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	541213m	107.083	ug/l	
77) Bromobenzene	11.201	156	463471	111.362	ug/l	96
78) n-propylbenzene	11.305	91	2113730	122.307	ug/l	98
79) 2-Chlorotoluene	11.366	91	1267158	117.157	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1573457	124.879	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	189739	126.083	ug/l	97
82) 4-Chlorotoluene	11.457	91	1460249	117.858	ug/l	99
83) tert-Butylbenzene	11.719	119	1582892	123.652	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1574148	124.750	ug/l	100
85) sec-Butylbenzene	11.890	105	1942525	132.734	ug/l	100
86) p-Isopropyltoluene	12.012	119	1657355	125.141	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	860258	112.888	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	858442	108.811	ug/l	99
89) n-Butylbenzene	12.335	91	1413144	122.861	ug/l	98
90) Hexachloroethane	12.542	117	268114	101.760	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	827728	106.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	136784	118.482	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	575322	127.081	ug/l	99
94) Hexachlorobutadiene	13.725	225	241307	111.078	ug/l	96
95) Naphthalene	13.780	128	1963414	141.757	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	577068	123.713	ug/l	96

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

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