

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072842.D
 Acq On : 14 Jun 2022 19:23
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 15 02:26:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 02:19:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	325286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	598803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	538351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	206289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	482951	98.027	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 196.060%#			
35) Dibromofluoromethane	8.016	113	358021	97.711	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 195.420%#			
50) Toluene-d8	10.439	98	1451615	98.690	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 197.380%#			
62) 4-Bromofluorobenzene	12.727	95	516151	102.493	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 204.980%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	249495	91.627	ug/l	100
3) Chloromethane	2.293	50	275495	86.710	ug/l	99
4) Vinyl Chloride	2.434	62	235968	91.733	ug/l	100
5) Bromomethane	2.810	94	46427	51.444	ug/l	95
6) Chloroethane	2.975	64	144717	77.316	ug/l	95
7) Trichlorofluoromethane	3.345	101	428458	85.101	ug/l	98
8) Diethyl Ether	3.816	74	215325	94.643	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.192	101	273525	90.635	ug/l	95
10) Methyl Iodide	4.410	142	291813	103.023	ug/l	95
11) Tert butyl alcohol	5.375	59	570711	107.717	ug/l	100
12) 1,1-Dichloroethene	4.169	96	259762	90.225	ug/l	92
13) Acrolein	4.034	56	269518	823.454	ug/l	97
14) Allyl chloride	4.828	41	627657	94.214	ug/l #	91
15) Acrylonitrile	5.545	53	1378580	494.385	ug/l	99
16) Acetone	4.281	43	1269816	479.686	ug/l	95
17) Carbon Disulfide	4.522	76	530833	85.317	ug/l	99
18) Methyl Acetate	4.845	43	672896	86.751	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	1177508	98.421	ug/l	100
20) Methylene Chloride	5.087	84	350246	89.069	ug/l	88
21) trans-1,2-Dichloroethene	5.592	96	278003	88.962	ug/l	96
22) Diisopropyl ether	6.492	45	1341317	99.950	ug/l	95
23) Vinyl Acetate	6.428	43	5935747	499.847	ug/l #	93
24) 1,1-Dichloroethane	6.381	63	637875	94.346	ug/l	98
25) 2-Butanone	7.328	43	2067842	499.102	ug/l	90
26) 2,2-Dichloropropane	7.316	77	472441	91.280	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	375415	91.324	ug/l	94
28) Bromochloromethane	7.651	49	330620	99.575	ug/l	82
29) Tetrahydrofuran	7.680	42	1294332	485.800	ug/l	87
30) Chloroform	7.816	83	665776	96.167	ug/l	97
31) Cyclohexane	8.092	56	500108	87.592	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	562087	99.061	ug/l	98
36) 1,1-Dichloropropene	8.216	75	442795	94.140	ug/l	97
37) Ethyl Acetate	7.404	43	761449	100.361	ug/l	96
38) Carbon Tetrachloride	8.204	117	457649	97.265	ug/l	100
39) Methylcyclohexane	9.457	83	506898	94.005	ug/l	94
40) Benzene	8.457	78	1417947	94.408	ug/l	99

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41) Methacrylonitrile	7.628	41	425058	105.447	ug/l #	80
42) 1,2-Dichloroethane	8.527	62	545700	96.156	ug/l	97
43) Isopropyl Acetate	8.557	43	1179384	93.523	ug/l	92
44) Trichloroethene	9.216	130	344206	93.325	ug/l	89
45) 1,2-Dichloropropane	9.486	63	396054	99.998	ug/l	99
46) Dibromomethane	9.574	93	258762	95.547	ug/l	90
47) Bromodichloromethane	9.757	83	553689	101.172	ug/l	100
48) Methyl methacrylate	9.557	41	543755	98.243	ug/l	89
49) 1,4-Dioxane	9.569	88	209749	1984.043	ug/l #	88
51) 4-Methyl-2-Pentanone	10.327	43	4004924	495.847	ug/l	90
52) Toluene	10.504	92	900831	95.050	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	612427	105.082	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	633996	101.479	ug/l #	90
55) 1,1,2-Trichloroethane	10.898	97	402686	97.119	ug/l	98
56) Ethyl methacrylate	10.757	69	719172	101.704	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	687272	95.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	1568808	532.422	ug/l	94
59) 2-Hexanone	11.080	43	3003026	501.683	ug/l	89
60) Dibromochloromethane	11.233	129	421508	103.026	ug/l	100
61) 1,2-Dibromoethane	11.345	107	413451	99.280	ug/l	100
64) Tetrachloroethene	10.974	164	297351	90.491	ug/l	95
65) Chlorobenzene	11.768	112	962670	95.700	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	382707	102.322	ug/l	98
67) Ethyl Benzene	11.845	91	1773148	96.461	ug/l	99
68) m/p-Xylenes	11.951	106	1292968	194.381	ug/l	93
69) o-Xylene	12.274	106	664159	96.519	ug/l	95
70) Styrene	12.292	104	1086590	101.734	ug/l	97
71) Bromoform	12.457	173	307635	110.055	ug/l	100
73) Isopropylbenzene	12.574	105	1769321	96.081	ug/l	98
74) N-amyl acetate	12.386	43	912977	100.807	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.827	83	606867	90.552	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	524478m	89.107	ug/l	
77) Bromobenzene	12.857	156	386254	95.490	ug/l	81
78) n-propylbenzene	12.915	91	1984647	98.653	ug/l	97
79) 2-Chlorotoluene	13.004	91	1237472	95.706	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1416426	97.477	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	206326	109.626	ug/l	96
82) 4-Chlorotoluene	13.104	91	1156437	97.009	ug/l	96
83) tert-Butylbenzene	13.321	119	1257479	95.368	ug/l	93
84) 1,2,4-Trimethylbenzene	13.362	105	1369646	98.808	ug/l	96
85) sec-Butylbenzene	13.498	105	1781295	100.874	ug/l	98
86) p-Isopropyltoluene	13.609	119	1386542	103.131	ug/l	97
87) 1,3-Dichlorobenzene	13.609	146	641578	94.232	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	638421	93.305	ug/l	98
89) n-Butylbenzene	13.939	91	1198590	105.584	ug/l	98
90) Hexachloroethane	14.209	117	283661	101.879	ug/l	84
91) 1,2-Dichlorobenzene	13.986	146	642709	93.446	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	142001	95.893	ug/l	86
93) 1,2,4-Trichlorobenzene	15.262	180	349293	99.841	ug/l	98
94) Hexachlorobutadiene	15.368	225	147466	95.731	ug/l	100
95) Naphthalene	15.503	128	1376431	99.474	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	359813	97.229	ug/l	97

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

