

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030722\
 Data File : VN071179.D
 Acq On : 07 Mar 2022 16:30
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 08 01:20:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 01:13:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	631216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1055618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1041787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	416349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1351619	184.561	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 369.120%#			
35) Dibromofluoromethane	8.022	113	1031969	167.081	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 334.160%#			
50) Toluene-d8	10.439	98	4247230	170.157	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 340.320%#			
62) 4-Bromofluorobenzene	12.727	95	1538702	174.112	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 348.220%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	1031954	157.313	ug/l	99
3) Chloromethane	2.299	50	1405826	166.309	ug/l	99
4) Vinyl Chloride	2.440	62	1279811	154.762	ug/l	99
5) Bromomethane	2.810	94	522147	114.040	ug/l	99
6) Chloroethane	2.975	64	751966	138.160	ug/l	98
7) Trichlorofluoromethane	3.352	101	1664751	159.673	ug/l	96
8) Diethyl Ether	3.822	74	742575	163.890	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.199	101	960868	151.689	ug/l	95
10) Methyl Iodide	4.410	142	1472701	168.033	ug/l	99
11) Tert butyl alcohol	5.381	59	1435250	1051.833	ug/l	99
12) 1,1-Dichloroethene	4.175	96	974647	157.290	ug/l	95
13) Acrolein	4.034	56	1306361	1016.415	ug/l	99
14) Allyl chloride	4.834	41	2171113	179.716	ug/l #	86
15) Acrylonitrile	5.551	53	3888577	962.418	ug/l	98
16) Acetone	4.281	43	3118056	781.539	ug/l	97
17) Carbon Disulfide	4.522	76	2822176	159.085	ug/l	99
18) Methyl Acetate	4.851	43	1724527	172.678	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	3710731	169.624	ug/l	95
20) Methylene Chloride	5.093	84	1173248	160.488	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	1040862	156.595	ug/l	90
22) Diisopropyl ether	6.492	45	4146348	178.953	ug/l	91
23) Vinyl Acetate	6.428	43	18388561	933.022	ug/l	99
24) 1,1-Dichloroethane	6.381	63	2173495	168.907	ug/l	100
25) 2-Butanone	7.328	43	5306268	968.885	ug/l	96
26) 2,2-Dichloropropane	7.322	77	1744861	165.344	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	1257695	163.945	ug/l	90
28) Bromochloromethane	7.657	49	978008	184.968	ug/l	83
29) Tetrahydrofuran	7.681	42	3564448	986.940	ug/l	92
30) Chloroform	7.816	83	2033208	161.403	ug/l	98
31) Cyclohexane	8.092	56	2025911	160.198	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	1800499	166.146	ug/l	97
36) 1,1-Dichloropropene	8.222	75	1628014	158.493	ug/l	96
37) Ethyl Acetate	7.410	43	2116827	183.995	ug/l	99
38) Carbon Tetrachloride	8.204	117	1560049	154.484	ug/l	99
39) Methylcyclohexane	9.457	83	2019524	154.448	ug/l	94
40) Benzene	8.457	78	4803447	157.435	ug/l	98

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41) Methacrylonitrile	7.634	41	1126684	190.768	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	1672808	159.857	ug/l	98
43) Isopropyl Acetate	8.557	43	3323656	186.537	ug/l	98
44) Trichloroethene	9.216	130	1192589	150.447	ug/l	97
45) 1,2-Dichloropropane	9.486	63	1300221	165.014	ug/l	100
46) Dibromomethane	9.575	93	799896	155.866	ug/l	97
47) Bromodichloromethane	9.757	83	1664662	160.204	ug/l	99
48) Methyl methacrylate	9.557	41	1670217	196.760	ug/l #	83
49) 1,4-Dioxane	9.569	88	580349	3852.179	ug/l	87
51) 4-Methyl-2-Pentanone	10.328	43	10943139	993.609	ug/l	98
52) Toluene	10.504	92	3086817	161.307	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	1994112	176.567	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	2123387	171.383	ug/l	96
55) 1,1,2-Trichloroethane	10.898	97	1197992	159.857	ug/l	98
56) Ethyl methacrylate	10.757	69	2240490	196.169	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	2174764	167.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	2274701	1175.686	ug/l	95
59) 2-Hexanone	11.086	43	7510146	991.226	ug/l	99
60) Dibromochloromethane	11.233	129	1323306	168.304	ug/l	100
61) 1,2-Dibromoethane	11.345	107	1272946	166.777	ug/l	100
64) Tetrachloroethene	10.975	164	1020853	128.363	ug/l	98
65) Chlorobenzene	11.769	112	3373062	151.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	1227122	150.695	ug/l	100
67) Ethyl Benzene	11.839	91	6196638	158.189	ug/l	97
68) m/p-Xylenes	11.951	106	4670549	311.098	ug/l	99
69) o-Xylene	12.274	106	2361000	160.217	ug/l	99
70) Styrene	12.292	104	3821285	164.029	ug/l	97
71) Bromoform	12.457	173	1001542	155.087	ug/l #	100
73) Isopropylbenzene	12.574	105	6003426	175.116	ug/l	100
74) N-amyl acetate	12.386	43	2346960	208.534	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	1707944	154.540	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	1442223m	147.622	ug/l	
77) Bromobenzene	12.857	156	1338634	160.980	ug/l	82
78) n-propylbenzene	12.916	91	6771324	176.708	ug/l	98
79) 2-Chlorotoluene	13.004	91	4016085	171.708	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	4719136	170.666	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	602979	190.137	ug/l	87
82) 4-Chlorotoluene	13.104	91	3775247	168.134	ug/l	95
83) tert-Butylbenzene	13.321	119	4198184	161.183	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	4546482	167.386	ug/l	100
85) sec-Butylbenzene	13.498	105	5819636	169.173	ug/l	99
86) p-Isopropyltoluene	13.616	119	4686741	167.324	ug/l	98
87) 1,3-Dichlorobenzene	13.616	146	2204123	152.076	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	2160457	152.461	ug/l	98
89) n-Butylbenzene	13.939	91	3820588	169.024	ug/l	96
90) Hexachloroethane	14.210	117	877442	173.191	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	2075789	151.843	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	350582	195.972	ug/l	90
93) 1,2,4-Trichlorobenzene	15.263	180	1089371	164.860	ug/l	99
94) Hexachlorobutadiene	15.368	225	545373	112.859	ug/l	100
95) Naphthalene	15.504	128	3177309	225.771	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	1040700	172.296	ug/l	99

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

