

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071710.D
 Acq On : 31 Mar 2022 17:37
 Operator : JC\MD
 Sample : VN0331WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS02

Quant Time: Apr 01 01:38:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	553223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	860272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	765315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	279072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	364162	57.660	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.320%			
35) Dibromofluoromethane	8.022	113	301551	59.569	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 119.140%			
50) Toluene-d8	10.439	98	1228101	59.305	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 118.600%			
62) 4-Bromofluorobenzene	12.727	95	370404	55.306	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	92685	21.074	ug/l	99
3) Chloromethane	2.305	50	114553	20.554	ug/l	98
4) Vinyl Chloride	2.446	62	126237	20.626	ug/l	95
5) Bromomethane	2.846	94	85031	21.372	ug/l	97
6) Chloroethane	3.016	64	86445	19.633	ug/l	95
7) Trichlorofluoromethane	3.375	101	163754	21.030	ug/l	99
8) Diethyl Ether	3.828	74	70231	21.341	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	99752	20.788	ug/l	97
10) Methyl Iodide	4.422	142	136972	20.420	ug/l	99
11) Tert butyl alcohol	5.369	59	115345	112.539	ug/l	100
12) 1,1-Dichloroethene	4.187	96	94922	20.787	ug/l	94
13) Acrolein	4.040	56	121537	97.253	ug/l	99
14) Allyl chloride	4.840	41	155536	20.986	ug/l	97
15) Acrylonitrile	5.551	53	339413	113.930	ug/l	99
16) Acetone	4.287	43	267592	99.141	ug/l	96
17) Carbon Disulfide	4.534	76	199576	19.049	ug/l	98
18) Methyl Acetate	4.857	43	151831	21.864	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	369810	21.800	ug/l	98
20) Methylene Chloride	5.099	84	120888	21.249	ug/l	99
21) trans-1,2-Dichloroethene	5.599	96	104254	20.797	ug/l	99
22) Diisopropyl ether	6.498	45	355695	22.045	ug/l	98
23) Vinyl Acetate	6.434	43	1480500	115.387	ug/l	99
24) 1,1-Dichloroethane	6.387	63	206801	21.833	ug/l	97
25) 2-Butanone	7.334	43	427222	109.795	ug/l	99
26) 2,2-Dichloropropane	7.322	77	173631	21.338	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	131506	21.393	ug/l	99
28) Bromochloromethane	7.657	49	76627	20.054	ug/l	99
29) Tetrahydrofuran	7.681	42	288875	114.655	ug/l	99
30) Chloroform	7.816	83	216877	21.684	ug/l	99
31) Cyclohexane	8.092	56	175310	20.411	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	182839	21.369	ug/l	99
36) 1,1-Dichloropropene	8.222	75	148101	20.950	ug/l	99
37) Ethyl Acetate	7.410	43	177911	22.993	ug/l	99
38) Carbon Tetrachloride	8.204	117	150412	21.710	ug/l	97
39) Methylcyclohexane	9.457	83	177527	21.097	ug/l	96
40) Benzene	8.457	78	487898	21.848	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	86825	22.918	ug/l	95
42) 1,2-Dichloroethane	8.528	62	167694	21.708	ug/l	100
43) Isopropyl Acetate	8.557	43	269240	20.920	ug/l	99
44) Trichloroethene	9.216	130	122486	21.290	ug/l	96
45) 1,2-Dichloropropane	9.486	63	123318	22.105	ug/l	98
46) Dibromomethane	9.575	93	81223	21.443	ug/l	97
47) Bromodichloromethane	9.757	83	168953	22.660	ug/l	97
48) Methyl methacrylate	9.557	41	125950	23.589	ug/l	98
49) 1,4-Dioxane	9.563	88	54458	421.929	ug/l	95
51) 4-Methyl-2-Pentanone	10.328	43	870627	117.662	ug/l	99
52) Toluene	10.504	92	314237	22.261	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	176095	22.535	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	191595	22.190	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	130960	22.542	ug/l	97
56) Ethyl methacrylate	10.757	69	192470	23.223	ug/l	96
57) 1,3-Dichloropropane	11.039	76	217659	22.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	170482	79.248	ug/l	100
59) 2-Hexanone	11.081	43	606148	116.353	ug/l	99
60) Dibromochloromethane	11.233	129	129680	22.892	ug/l	99
61) 1,2-Dibromoethane	11.339	107	130128	22.755	ug/l	99
64) Tetrachloroethene	10.975	164	107021	21.177	ug/l	99
65) Chlorobenzene	11.769	112	333866	21.787	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	123092	22.260	ug/l	99
67) Ethyl Benzene	11.839	91	576844	22.236	ug/l	99
68) m/p-Xylenes	11.951	106	434851	43.627	ug/l	99
69) o-Xylene	12.275	106	220825	22.320	ug/l	97
70) Styrene	12.292	104	339883	22.674	ug/l	99
71) Bromoform	12.457	173	96453	22.905	ug/l #	100
73) Isopropylbenzene	12.575	105	561889	23.893	ug/l	100
74) N-amyl acetate	12.386	43	161386	23.952	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	192171	24.491	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	144095m	22.289	ug/l	
77) Bromobenzene	12.857	156	130684	22.168	ug/l	98
78) n-propylbenzene	12.916	91	584067	23.611	ug/l	100
79) 2-Chlorotoluene	13.004	91	377307	23.783	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	455788	24.462	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	49515	23.735	ug/l	98
82) 4-Chlorotoluene	13.104	91	328925	22.368	ug/l	100
83) tert-Butylbenzene	13.322	119	403990	23.719	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	439833	24.194	ug/l	98
85) sec-Butylbenzene	13.498	105	525903	23.819	ug/l	100
86) p-Isopropyltoluene	13.610	119	420732	23.899	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	209870	22.346	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	200342	21.865	ug/l	100
89) n-Butylbenzene	13.939	91	289909	22.203	ug/l	99
90) Hexachloroethane	14.210	117	80280	24.912	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	208744	22.640	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.604	75	30050	24.690	ug/l	99
93) 1,2,4-Trichlorobenzene	15.263	180	86033	20.648	ug/l	98
94) Hexachlorobutadiene	15.368	225	58289	21.435	ug/l	98
95) Naphthalene	15.504	128	215757	19.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	84954	21.206	ug/l	100

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

