

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071657.D
 Acq On : 30 Mar 2022 14:22
 Operator : JC\MD
 Sample : VN0330WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBS01

Quant Time: Mar 31 01:32:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	568391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	890063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	788759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	310908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	335633	51.725	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.440%			
35) Dibromofluoromethane	8.016	113	276404	52.774	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.540%			
50) Toluene-d8	10.439	98	1126253	52.566	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.140%			
62) 4-Bromofluorobenzene	12.727	95	352280	50.839	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	93487	20.689	ug/l	96
3) Chloromethane	2.299	50	106820	18.655	ug/l	96
4) Vinyl Chloride	2.446	62	123065	19.571	ug/l	94
5) Bromomethane	2.852	94	86479	21.156	ug/l	96
6) Chloroethane	3.016	64	86607	19.145	ug/l	96
7) Trichlorofluoromethane	3.375	101	159790	19.973	ug/l	99
8) Diethyl Ether	3.828	74	67523	19.971	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	96870	19.649	ug/l	97
10) Methyl Iodide	4.428	142	133243	19.334	ug/l	100
11) Tert butyl alcohol	5.363	59	110421	104.860	ug/l	100
12) 1,1-Dichloroethene	4.181	96	93612	19.953	ug/l	99
13) Acrolein	4.040	56	134219	104.535	ug/l	96
14) Allyl chloride	4.846	41	150269	19.734	ug/l	98
15) Acrylonitrile	5.551	53	312973	102.251	ug/l	100
16) Acetone	4.281	43	260858	94.067	ug/l	99
17) Carbon Disulfide	4.534	76	194095	18.031	ug/l	100
18) Methyl Acetate	4.851	43	145477	20.285	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	347437	19.934	ug/l	99
20) Methylene Chloride	5.087	84	112678	19.278	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	99229	19.267	ug/l	97
22) Diisopropyl ether	6.492	45	335497	20.238	ug/l	97
23) Vinyl Acetate	6.428	43	1392952	105.666	ug/l	99
24) 1,1-Dichloroethane	6.387	63	194029	19.938	ug/l	100
25) 2-Butanone	7.328	43	411680	102.978	ug/l	99
26) 2,2-Dichloropropane	7.322	77	166238	19.885	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	125593	19.886	ug/l	99
28) Bromochloromethane	7.651	49	74386	18.948	ug/l	99
29) Tetrahydrofuran	7.681	42	273705	105.735	ug/l	99
30) Chloroform	7.810	83	202370	19.694	ug/l	95
31) Cyclohexane	8.092	56	168225	19.064	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	172347	19.605	ug/l	98
36) 1,1-Dichloropropene	8.216	75	143457	19.614	ug/l	99
37) Ethyl Acetate	7.404	43	166010	20.737	ug/l	100
38) Carbon Tetrachloride	8.204	117	141081	19.682	ug/l	98
39) Methylcyclohexane	9.457	83	172401	19.802	ug/l	99
40) Benzene	8.457	78	453804	19.641	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	76654	19.556	ug/l	95
42) 1,2-Dichloroethane	8.528	62	158769	19.865	ug/l	100
43) Isopropyl Acetate	8.557	43	254698	19.128	ug/l	100
44) Trichloroethene	9.210	130	117239	19.696	ug/l	100
45) 1,2-Dichloropropane	9.486	63	114565	19.849	ug/l	96
46) Dibromomethane	9.575	93	77317	19.729	ug/l	99
47) Bromodichloromethane	9.757	83	155395	20.144	ug/l	98
48) Methyl methacrylate	9.557	41	107478	19.455	ug/l	92
49) 1,4-Dioxane	9.563	88	51915	387.663	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	811132	105.952	ug/l	100
52) Toluene	10.498	92	293417	20.090	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	161737	20.004	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	179639	20.109	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	120851	20.106	ug/l	99
56) Ethyl methacrylate	10.757	69	178528	20.820	ug/l	97
57) 1,3-Dichloropropane	11.039	76	198717	19.773	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	204378	89.132	ug/l	100
59) 2-Hexanone	11.080	43	571805	106.087	ug/l	99
60) Dibromochloromethane	11.233	129	119242	20.345	ug/l	98
61) 1,2-Dibromoethane	11.339	107	119163	20.140	ug/l	98
64) Tetrachloroethene	10.975	164	101843	19.553	ug/l	96
65) Chlorobenzene	11.763	112	310802	19.679	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	115219	20.217	ug/l	100
67) Ethyl Benzene	11.839	91	544746	20.374	ug/l	100
68) m/p-Xylenes	11.945	106	421090	40.990	ug/l	100
69) o-Xylene	12.274	106	207779	20.377	ug/l	100
70) Styrene	12.292	104	324802	21.024	ug/l	99
71) Bromoform	12.451	173	89115	20.533	ug/l #	99
73) Isopropylbenzene	12.574	105	528164	20.159	ug/l	99
74) N-amyl acetate	12.380	43	157934	21.039	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	181784	20.795	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	149679m	20.782	ug/l	
77) Bromobenzene	12.857	156	128504	19.566	ug/l	98
78) n-propylbenzene	12.916	91	560089	20.323	ug/l	100
79) 2-Chlorotoluene	13.004	91	360336	20.388	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	429777	20.704	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	47334	20.366	ug/l	99
82) 4-Chlorotoluene	13.098	91	329544	20.116	ug/l	100
83) tert-Butylbenzene	13.316	119	390609	20.585	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	415267	20.503	ug/l	100
85) sec-Butylbenzene	13.498	105	503634	20.475	ug/l	99
86) p-Isopropyltoluene	13.610	119	412274	21.021	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	209026	19.977	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	203637	19.949	ug/l	98
89) n-Butylbenzene	13.939	91	288594	19.839	ug/l	99
90) Hexachloroethane	14.204	117	74323	20.701	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	201767	19.642	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	27882	20.563	ug/l	96
93) 1,2,4-Trichlorobenzene	15.257	180	85893	18.721	ug/l	98
94) Hexachlorobutadiene	15.363	225	59553	19.657	ug/l	96
95) Naphthalene	15.498	128	212825	17.692	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	82898	18.874	ug/l	100

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

