

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071658.D
 Acq On : 30 Mar 2022 14:56
 Operator : JC\MD
 Sample : VN0330WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 01:33:18 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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	521674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	804309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	730461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	299735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	313768	52.685	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.380%			
35) Dibromofluoromethane	8.016	113	252376	53.324	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.640%			
50) Toluene-d8	10.439	98	1021047	52.737	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.480%			
62) 4-Bromofluorobenzene	12.727	95	332953	53.173	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	85192	20.541	ug/l	95
3) Chloromethane	2.299	50	100995	19.217	ug/l	96
4) Vinyl Chloride	2.446	62	114449	19.831	ug/l	98
5) Bromomethane	2.846	94	80867	21.555	ug/l	98
6) Chloroethane	3.016	64	78071	18.804	ug/l	98
7) Trichlorofluoromethane	3.375	101	148695	20.251	ug/l	99
8) Diethyl Ether	3.822	74	64287	20.717	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	93468	20.656	ug/l	100
10) Methyl Iodide	4.422	142	126372	19.979	ug/l	98
11) Tert butyl alcohol	5.357	59	104958	108.598	ug/l	98
12) 1,1-Dichloroethene	4.187	96	84567	19.640	ug/l	96
13) Acrolein	4.040	56	124743	105.855	ug/l	98
14) Allyl chloride	4.840	41	140079	20.043	ug/l	98
15) Acrylonitrile	5.551	53	299535	106.625	ug/l	99
16) Acetone	4.281	43	236638	92.975	ug/l	96
17) Carbon Disulfide	4.534	76	185495	18.776	ug/l	99
18) Methyl Acetate	4.851	43	132629	20.139	ug/l	100
19) Methyl tert-butyl Ether	5.604	73	341690	21.360	ug/l	96
20) Methylene Chloride	5.093	84	107775	20.090	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	93012	19.677	ug/l	97
22) Diisopropyl ether	6.487	45	323849	21.285	ug/l	98
23) Vinyl Acetate	6.428	43	1348173	111.428	ug/l	99
24) 1,1-Dichloroethane	6.387	63	182919	20.479	ug/l	99
25) 2-Butanone	7.328	43	376144	102.514	ug/l	99
26) 2,2-Dichloropropane	7.322	77	155931	20.322	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	117712	20.307	ug/l	100
28) Bromochloromethane	7.651	49	73059	20.277	ug/l	98
29) Tetrahydrofuran	7.681	42	253970	106.897	ug/l	99
30) Chloroform	7.816	83	194888	20.664	ug/l	97
31) Cyclohexane	8.092	56	157567	19.455	ug/l #	95
32) 1,1,1-Trichloroethane	8.010	97	162954	20.197	ug/l	99
36) 1,1-Dichloropropene	8.216	75	135287	20.469	ug/l	99
37) Ethyl Acetate	7.404	43	158576	21.921	ug/l	99
38) Carbon Tetrachloride	8.198	117	133923	20.675	ug/l	99
39) Methylcyclohexane	9.457	83	164342	20.889	ug/l	99
40) Benzene	8.457	78	434790	20.825	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	82599	23.319	ug/l	90
42) 1,2-Dichloroethane	8.528	62	153521	21.256	ug/l	99
43) Isopropyl Acetate	8.551	43	244472	20.318	ug/l	99
44) Trichloroethene	9.210	130	111481	20.726	ug/l	99
45) 1,2-Dichloropropane	9.486	63	109489	20.992	ug/l	99
46) Dibromomethane	9.575	93	74816	21.126	ug/l	99
47) Bromodichloromethane	9.757	83	150783	21.630	ug/l	98
48) Methyl methacrylate	9.557	41	112643	22.564	ug/l	99
49) 1,4-Dioxane	9.563	88	52182	432.774	ug/l	96
51) 4-Methyl-2-Pentanone	10.328	43	763788	110.405	ug/l	100
52) Toluene	10.504	92	276675	20.964	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	158213	21.655	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	173502	21.493	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	116520	21.452	ug/l	96
56) Ethyl methacrylate	10.757	69	171490	22.131	ug/l	100
57) 1,3-Dichloropropane	11.039	76	194265	21.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	203332	96.417	ug/l	100
59) 2-Hexanone	11.080	43	549259	112.769	ug/l	99
60) Dibromochloromethane	11.233	129	115267	21.764	ug/l	99
61) 1,2-Dibromoethane	11.339	107	117519	21.980	ug/l	100
64) Tetrachloroethene	10.975	164	98278	20.375	ug/l	98
65) Chlorobenzene	11.763	112	303209	20.730	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	110437	20.924	ug/l	100
67) Ethyl Benzene	11.839	91	521285	21.053	ug/l	97
68) m/p-Xylenes	11.945	106	407992	42.885	ug/l	100
69) o-Xylene	12.274	106	202484	21.443	ug/l	99
70) Styrene	12.292	104	318601	22.268	ug/l	100
71) Bromoform	12.451	173	88920	22.124	ug/l #	98
73) Isopropylbenzene	12.574	105	514804	20.382	ug/l	99
74) N-amyl acetate	12.386	43	159860	22.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	177598	21.074	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	149340m	21.508	ug/l	
77) Bromobenzene	12.857	156	126513	19.981	ug/l	98
78) n-propylbenzene	12.916	91	550308	20.712	ug/l	100
79) 2-Chlorotoluene	13.004	91	346028	20.308	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	418703	20.922	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	47173	21.054	ug/l	98
82) 4-Chlorotoluene	13.098	91	327340	20.726	ug/l	99
83) tert-Butylbenzene	13.321	119	379264	20.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	412538	21.128	ug/l	99
85) sec-Butylbenzene	13.498	105	494643	20.859	ug/l	100
86) p-Isopropyltoluene	13.610	119	400828	21.199	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	208151	20.635	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	202318	20.558	ug/l	99
89) n-Butylbenzene	13.939	91	285458	20.355	ug/l	100
90) Hexachloroethane	14.204	117	72239	20.871	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	206675	20.870	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28055	21.462	ug/l	97
93) 1,2,4-Trichlorobenzene	15.263	180	91469	20.461	ug/l	99
94) Hexachlorobutadiene	15.363	225	58965	20.189	ug/l	98
95) Naphthalene	15.504	128	224386	18.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	89193	20.784	ug/l	98

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

