

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071714.D
 Acq On : 31 Mar 2022 19:14
 Operator : JC\MD
 Sample : VN0331WBSD03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD03

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 01:39:47 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	524059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	839347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	760466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	283318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	306403	51.214	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.420%			
35) Dibromofluoromethane	8.022	113	250294	50.676	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.360%			
50) Toluene-d8	10.439	98	1013562	50.165	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.727	95	318677	48.768	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	80675	19.364	ug/l	98
3) Chloromethane	2.304	50	97018	18.377	ug/l	100
4) Vinyl Chloride	2.446	62	108333	18.685	ug/l	95
5) Bromomethane	2.857	94	73487	19.498	ug/l	98
6) Chloroethane	3.016	64	72587	17.403	ug/l	94
7) Trichlorofluoromethane	3.375	101	138626	18.793	ug/l	95
8) Diethyl Ether	3.828	74	64570	20.713	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	88866	19.550	ug/l	99
10) Methyl Iodide	4.422	142	119947	18.877	ug/l	98
11) Tert butyl alcohol	5.363	59	105266	108.421	ug/l	100
12) 1,1-Dichloroethene	4.187	96	83411	19.283	ug/l	95
13) Acrolein	4.040	56	103016	87.020	ug/l	98
14) Allyl chloride	4.845	41	134848	19.207	ug/l	97
15) Acrylonitrile	5.551	53	311730	110.461	ug/l	100
16) Acetone	4.287	43	235407	92.071	ug/l	99
17) Carbon Disulfide	4.534	76	169656	17.094	ug/l	97
18) Methyl Acetate	4.851	43	136592	20.686	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	334174	20.795	ug/l	97
20) Methylene Chloride	5.093	84	106264	19.718	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	89441	18.835	ug/l	97
22) Diisopropyl ether	6.492	45	318724	20.853	ug/l	98
23) Vinyl Acetate	6.434	43	1322251	108.788	ug/l	100
24) 1,1-Dichloroethane	6.387	63	178404	19.883	ug/l	98
25) 2-Butanone	7.334	43	384358	104.276	ug/l	98
26) 2,2-Dichloropropane	7.328	77	148626	19.282	ug/l	99
27) cis-1,2-Dichloroethene	7.328	96	113656	19.518	ug/l	98
28) Bromochloromethane	7.657	49	66131	18.271	ug/l	99
29) Tetrahydrofuran	7.686	42	261985	109.769	ug/l	99
30) Chloroform	7.816	83	190424	20.099	ug/l	98
31) Cyclohexane	8.092	56	152182	18.704	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	157972	19.490	ug/l	99
36) 1,1-Dichloropropene	8.222	75	127112	18.429	ug/l	99
37) Ethyl Acetate	7.410	43	167327	22.165	ug/l	99
38) Carbon Tetrachloride	8.204	117	128403	18.995	ug/l	99
39) Methylcyclohexane	9.457	83	152076	18.523	ug/l	99
40) Benzene	8.457	78	426986	19.597	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	75695	20.478	ug/l	98
42) 1,2-Dichloroethane	8.528	62	150871	20.017	ug/l	99
43) Isopropyl Acetate	8.557	43	241744	19.252	ug/l	99
44) Trichloroethene	9.216	130	108012	19.242	ug/l	94
45) 1,2-Dichloropropane	9.486	63	107677	19.782	ug/l	97
46) Dibromomethane	9.575	93	74418	20.137	ug/l	99
47) Bromodichloromethane	9.757	83	148252	20.379	ug/l	99
48) Methyl methacrylate	9.557	41	104922	20.140	ug/l	93
49) 1,4-Dioxane	9.563	88	48342	382.618	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	789204	109.317	ug/l	99
52) Toluene	10.504	92	272809	19.808	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	156341	20.505	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	167123	19.838	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	116619	20.574	ug/l	98
56) Ethyl methacrylate	10.757	69	171542	21.214	ug/l	97
57) 1,3-Dichloropropane	11.045	76	194577	20.531	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	167137	79.548	ug/l	99
59) 2-Hexanone	11.080	43	556374	109.461	ug/l	99
60) Dibromochloromethane	11.233	129	115854	20.961	ug/l	99
61) 1,2-Dibromoethane	11.339	107	117327	21.028	ug/l	99
64) Tetrachloroethene	10.975	164	92374	18.395	ug/l	96
65) Chlorobenzene	11.769	112	294801	19.360	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.839	131	111389	20.272	ug/l	98
67) Ethyl Benzene	11.839	91	502021	19.475	ug/l	100
68) m/p-Xylenes	11.951	106	379035	38.269	ug/l	99
69) o-Xylene	12.280	106	192941	19.626	ug/l	100
70) Styrene	12.292	104	298180	20.019	ug/l	99
71) Bromoform	12.457	173	84896	20.289	ug/l #	98
73) Isopropylbenzene	12.574	105	487248	20.409	ug/l	100
74) N-amyl acetate	12.386	43	143701	21.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	174552	21.913	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	131020m	19.963	ug/l	
77) Bromobenzene	12.857	156	116454	19.458	ug/l	97
78) n-propylbenzene	12.916	91	510068	20.310	ug/l	100
79) 2-Chlorotoluene	13.004	91	329229	20.442	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	395221	20.893	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	43473	20.527	ug/l	97
82) 4-Chlorotoluene	13.104	91	292252	19.576	ug/l	100
83) tert-Butylbenzene	13.321	119	348141	20.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	386451	20.939	ug/l	99
85) sec-Butylbenzene	13.498	105	460473	20.543	ug/l	100
86) p-Isopropyltoluene	13.610	119	361709	20.238	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	186662	19.577	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	177733	19.107	ug/l	96
89) n-Butylbenzene	13.939	91	250485	18.896	ug/l	99
90) Hexachloroethane	14.204	117	69390	21.210	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	189833	20.280	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	27588	22.328	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	80017	19.092	ug/l	99
94) Hexachlorobutadiene	15.362	225	52537	19.030	ug/l	97
95) Naphthalene	15.504	128	202517	18.306	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	78504	19.519	ug/l	97

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

