

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071391.D
 Acq On : 19 Mar 2022 12:29
 Operator : JC\MD
 Sample : VN0319WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 21 05:49:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	578945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	937155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	855710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	342283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	414007	52.177	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.360%			
35) Dibromofluoromethane	8.016	113	303177	51.266	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.540%			
50) Toluene-d8	10.439	98	1182072	49.645	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.727	95	404923	50.221	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	104658	16.494	ug/l	96
3) Chloromethane	2.299	50	151861	17.805	ug/l	98
4) Vinyl Chloride	2.440	62	132247	17.007	ug/l	98
5) Bromomethane	2.846	94	70962	16.424	ug/l	94
6) Chloroethane	3.010	64	84030	17.844	ug/l	92
7) Trichlorofluoromethane	3.369	101	187210	18.292	ug/l	94
8) Diethyl Ether	3.828	74	85421	19.504	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	112102	18.921	ug/l	95
10) Methyl Iodide	4.416	142	135437	16.184	ug/l	99
11) Tert butyl alcohol	5.363	59	161536	103.633	ug/l	98
12) 1,1-Dichloroethene	4.187	96	103592	17.848	ug/l	96
13) Acrolein	4.034	56	88360	53.557	ug/l	100
14) Allyl chloride	4.840	41	234901	18.608	ug/l	86
15) Acrylonitrile	5.545	53	470579	101.673	ug/l	98
16) Acetone	4.287	43	396469	102.692	ug/l	96
17) Carbon Disulfide	4.528	76	255515	15.463	ug/l	99
18) Methyl Acetate	4.851	43	230665	22.507	ug/l	95
19) Methyl tert-butyl Ether	5.616	73	443841	20.367	ug/l	94
20) Methylene Chloride	5.098	84	135578	19.449	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	114076	17.969	ug/l	95
22) Diisopropyl ether	6.492	45	504405	20.282	ug/l	93
23) Vinyl Acetate	6.428	43	2172667	103.192	ug/l	98
24) 1,1-Dichloroethane	6.386	63	251339	19.125	ug/l	99
25) 2-Butanone	7.328	43	647135	104.054	ug/l	97
26) 2,2-Dichloropropane	7.316	77	200108	19.737	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	142290	18.884	ug/l	89
28) Bromochloromethane	7.651	49	117646	20.103	ug/l	83
29) Tetrahydrofuran	7.681	42	448481	104.091	ug/l	91
30) Chloroform	7.816	83	242968	19.384	ug/l	97
31) Cyclohexane	8.092	56	225748	17.816	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	207233	19.410	ug/l	97
36) 1,1-Dichloropropene	8.222	75	172805	18.238	ug/l	97
37) Ethyl Acetate	7.404	43	256260	19.652	ug/l	99
38) Carbon Tetrachloride	8.204	117	170830	18.640	ug/l	99
39) Methylcyclohexane	9.457	83	200386	17.977	ug/l	94
40) Benzene	8.457	78	543604	19.042	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	133248	20.880	ug/l	87
42) 1,2-Dichloroethane	8.527	62	210126	21.152	ug/l	99
43) Isopropyl Acetate	8.557	43	391250	20.064	ug/l	96
44) Trichloroethene	9.216	130	127650	18.951	ug/l	97
45) 1,2-Dichloropropane	9.486	63	153330	20.008	ug/l	99
46) Dibromomethane	9.574	93	95852	20.321	ug/l	97
47) Bromodichloromethane	9.757	83	193867	20.338	ug/l	98
48) Methyl methacrylate	9.557	41	173759	19.228	ug/l #	89
49) 1,4-Dioxane	9.563	88	71723	456.602	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1294421	106.959	ug/l	100
52) Toluene	10.504	92	335336	19.076	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	206275	19.631	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	225151	19.610	ug/l	100
55) 1,1,2-Trichloroethane	10.892	97	140650	19.967	ug/l	96
56) Ethyl methacrylate	10.757	69	233110	20.264	ug/l	90
57) 1,3-Dichloropropane	11.039	76	251078	19.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	235163	114.321	ug/l	94
59) 2-Hexanone	11.080	43	950494	115.109	ug/l	99
60) Dibromochloromethane	11.233	129	144381	20.629	ug/l	99
61) 1,2-Dibromoethane	11.345	107	142060	19.732	ug/l	99
64) Tetrachloroethene	10.974	164	107878	18.076	ug/l	96
65) Chlorobenzene	11.768	112	354740	19.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	132109	19.606	ug/l	99
67) Ethyl Benzene	11.839	91	623119	19.177	ug/l	98
68) m/p-Xylenes	11.951	106	471491	39.665	ug/l	97
69) o-Xylene	12.274	106	235561	19.770	ug/l	95
70) Styrene	12.292	104	369741	20.047	ug/l	97
71) Bromoform	12.457	173	110158	21.527	ug/l #	100
73) Isopropylbenzene	12.574	105	602554	18.262	ug/l	99
74) N-amyl acetate	12.386	43	263304	21.223	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	229418	21.961	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	182482m	20.322	ug/l	
77) Bromobenzene	12.857	156	141851	18.436	ug/l	77
78) n-propylbenzene	12.915	91	660123	18.644	ug/l	97
79) 2-Chlorotoluene	13.004	91	425802	18.734	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	483396	18.831	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	65107	20.562	ug/l	94
82) 4-Chlorotoluene	13.104	91	383837	18.960	ug/l	95
83) tert-Butylbenzene	13.321	119	431581	18.839	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	474655	19.304	ug/l	99
85) sec-Butylbenzene	13.498	105	578540	19.000	ug/l	99
86) p-Isopropyltoluene	13.610	119	461380	19.267	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	231085	18.484	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	223009	18.249	ug/l	96
89) n-Butylbenzene	13.939	91	338314	18.063	ug/l	96
90) Hexachloroethane	14.209	117	90109	18.922	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	231629	19.272	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40240	20.960	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	101258	19.961	ug/l	98
94) Hexachlorobutadiene	15.368	225	63689	18.876	ug/l	98
95) Naphthalene	15.504	128	287960	21.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	101881	20.655	ug/l	98

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

