

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071977.D
 Acq On : 13 Apr 2022 15:40
 Operator : JC\MD
 Sample : VN0413WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 02:33:13 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	537591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	827593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	731509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	284487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	282025	45.953	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.900%		
35) Dibromofluoromethane	8.022	113	253016	51.955	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.900%		
50) Toluene-d8	10.439	98	1006271	50.511	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.020%		
62) 4-Bromofluorobenzene	12.727	95	311324	48.320	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	109843	25.701	ug/l	99
3) Chloromethane	2.304	50	119735	22.109	ug/l	98
4) Vinyl Chloride	2.440	62	120499	20.261	ug/l	98
5) Bromomethane	2.846	94	81039	20.961	ug/l	94
6) Chloroethane	3.016	64	74720	17.464	ug/l	95
7) Trichlorofluoromethane	3.375	101	164566	21.748	ug/l	95
8) Diethyl Ether	3.828	74	68207	21.329	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.216	101	98517	21.128	ug/l	97
10) Methyl Iodide	4.422	142	135326	20.761	ug/l	100
11) Tert butyl alcohol	5.369	59	95592	95.979	ug/l	100
12) 1,1-Dichloroethene	4.187	96	96275	21.697	ug/l	95
13) Acrolein	4.046	56	91335	75.211	ug/l	100
14) Allyl chloride	4.845	41	141660	19.669	ug/l	93
15) Acrylonitrile	5.551	53	308191	106.458	ug/l	99
16) Acetone	4.287	43	230552	87.902	ug/l	92
17) Carbon Disulfide	4.534	76	235701	23.151	ug/l	99
18) Methyl Acetate	4.857	43	134422	19.781	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	333187	20.212	ug/l	99
20) Methylene Chloride	5.093	84	118906	21.509	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	102973	21.139	ug/l	98
22) Diisopropyl ether	6.498	45	318756	20.330	ug/l	93
23) Vinyl Acetate	6.434	43	1301202	104.361	ug/l	99
24) 1,1-Dichloroethane	6.387	63	192667	20.932	ug/l	96
25) 2-Butanone	7.334	43	377454	99.826	ug/l	99
26) 2,2-Dichloropropane	7.328	77	153597	19.425	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	125264	20.970	ug/l	96
28) Bromochloromethane	7.651	49	69397	18.690	ug/l	96
29) Tetrahydrofuran	7.681	42	254709	104.034	ug/l	95
30) Chloroform	7.816	83	198382	20.412	ug/l	98
31) Cyclohexane	8.092	56	180713	21.652	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	168666	20.286	ug/l	96
36) 1,1-Dichloropropene	8.222	75	145568	21.405	ug/l	99
37) Ethyl Acetate	7.410	43	158539	21.299	ug/l	99
38) Carbon Tetrachloride	8.204	117	141972	21.301	ug/l	97
39) Methylcyclohexane	9.457	83	178040	21.993	ug/l	98
40) Benzene	8.457	78	466123	21.697	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	76277	20.928	ug/l	95
42) 1,2-Dichloroethane	8.528	62	147680	19.872	ug/l	96
43) Isopropyl Acetate	8.557	43	230626	18.628	ug/l	96
44) Trichloroethene	9.210	130	119417	21.576	ug/l	98
45) 1,2-Dichloropropane	9.486	63	115668	21.552	ug/l	98
46) Dibromomethane	9.575	93	77748	21.337	ug/l	97
47) Bromodichloromethane	9.757	83	152108	21.206	ug/l	99
48) Methyl methacrylate	9.557	41	106969	20.825	ug/l	93
49) 1,4-Dioxane	9.569	88	52269	420.928	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	749382	105.275	ug/l	95
52) Toluene	10.504	92	300667	22.141	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	154759	20.586	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	178731	21.517	ug/l	93
55) 1,1,2-Trichloroethane	10.898	97	118609	21.222	ug/l	98
56) Ethyl methacrylate	10.757	69	174228	21.852	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	199511	21.350	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	176287	83.911	ug/l	100
59) 2-Hexanone	11.080	43	525476	104.851	ug/l	95
60) Dibromochloromethane	11.233	129	122201	22.424	ug/l	98
61) 1,2-Dibromoethane	11.339	107	119294	21.684	ug/l	97
64) Tetrachloroethene	10.975	164	105475	21.836	ug/l	98
65) Chlorobenzene	11.769	112	316643	21.618	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	112664	21.316	ug/l	99
67) Ethyl Benzene	11.839	91	535442	21.594	ug/l	100
68) m/p-Xylenes	11.951	106	416071	43.672	ug/l	99
69) o-Xylene	12.274	106	204589	21.635	ug/l	99
70) Styrene	12.292	104	321925	22.468	ug/l	99
71) Bromoform	12.451	173	92329	22.939	ug/l #	97
73) Isopropylbenzene	12.574	105	522188	21.782	ug/l	100
74) N-amyl acetate	12.386	43	139521	20.313	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	176939	22.121	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	130233m	19.761	ug/l	
77) Bromobenzene	12.857	156	127884	21.280	ug/l	96
78) n-propylbenzene	12.916	91	548175	21.738	ug/l	100
79) 2-Chlorotoluene	13.004	91	351878	21.758	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	427243	22.494	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	42960	20.201	ug/l	98
82) 4-Chlorotoluene	13.098	91	316789	21.133	ug/l	100
83) tert-Butylbenzene	13.321	119	379986	21.885	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	415060	22.396	ug/l	99
85) sec-Butylbenzene	13.498	105	495110	21.998	ug/l	100
86) p-Isopropyltoluene	13.610	119	401285	22.361	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	202001	21.099	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	195857	20.968	ug/l	99
89) n-Butylbenzene	13.939	91	271770	20.418	ug/l	99
90) Hexachloroethane	14.204	117	72383	22.034	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	202610	21.556	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	26789	21.592	ug/l	97
93) 1,2,4-Trichlorobenzene	15.262	180	85491	20.180	ug/l	98
94) Hexachlorobutadiene	15.368	225	57359	20.691	ug/l	97
95) Naphthalene	15.504	128	212259	18.941	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	82395	20.293	ug/l	98

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

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