

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072949.D
 Acq On : 20 Jun 2022 10:14
 Operator : JC\MD
 Sample : VN0620WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 05:53:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	345821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	575489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.674	117	500254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	227813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	227170	48.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.180%		
35) Dibromofluoromethane	7.951	113	179685	50.515	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	10.375	98	658402	49.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.480%		
62) 4-Bromofluorobenzene	12.663	95	239449	50.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	63275	19.217	ug/l	98
3) Chloromethane	2.269	50	61659	17.792	ug/l	100
4) Vinyl Chloride	2.410	62	55556	18.814	ug/l	100
5) Bromomethane	2.816	94	29813	25.648	ug/l	99
6) Chloroethane	2.975	64	32815	17.763	ug/l	93
7) Trichlorofluoromethane	3.328	101	107441	22.343	ug/l	98
8) Diethyl Ether	3.769	74	47462	19.125	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.146	101	64738	19.477	ug/l	97
10) Methyl Iodide	4.351	142	71133	18.671	ug/l	98
11) Tert butyl alcohol	5.281	59	91251	75.556	ug/l	99
12) 1,1-Dichloroethene	4.122	96	61454	18.561	ug/l	93
13) Acrolein	3.981	56	40223	84.564	ug/l	99
14) Allyl chloride	4.757	41	125425	17.731	ug/l	96
15) Acrylonitrile	5.469	53	231747	83.241	ug/l	99
16) Acetone	4.222	43	202520	78.800	ug/l	96
17) Carbon Disulfide	4.463	76	134417	15.845	ug/l	99
18) Methyl Acetate	4.781	43	114989	16.802	ug/l	94
19) Methyl tert-butyl Ether	5.534	73	245136	19.714	ug/l	95
20) Methylene Chloride	5.016	84	73300	18.234	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	64343	17.865	ug/l	98
22) Diisopropyl ether	6.410	45	255906	19.405	ug/l	96
23) Vinyl Acetate	6.351	43	1158009	95.126	ug/l	94
24) 1,1-Dichloroethane	6.304	63	133088	19.250	ug/l	99
25) 2-Butanone	7.257	43	331829	81.365	ug/l	92
26) 2,2-Dichloropropane	7.245	77	117106	20.058	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	83542	19.415	ug/l	99
28) Bromochloromethane	7.587	49	54258	18.976	ug/l	91
29) Tetrahydrofuran	7.610	42	224020	83.182	ug/l	89
30) Chloroform	7.745	83	136222	19.463	ug/l	100
31) Cyclohexane	8.022	56	114370	18.084	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	119771	19.500	ug/l	99
36) 1,1-Dichloropropene	8.151	75	91775	19.068	ug/l	99
37) Ethyl Acetate	7.334	43	140170	18.207	ug/l	95
38) Carbon Tetrachloride	8.128	117	97867	19.331	ug/l	98
39) Methylcyclohexane	9.386	83	114739	19.778	ug/l	95
40) Benzene	8.386	78	293043	19.373	ug/l	99

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41) Methacrylonitrile	7.563	41	71908	19.697	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	109907	20.457	ug/l	100
43) Isopropyl Acetate	8.492	43	210683	19.145	ug/l	95
44) Trichloroethene	9.145	130	75525	19.702	ug/l	100
45) 1,2-Dichloropropane	9.422	63	75318	19.480	ug/l	95
46) Dibromomethane	9.510	93	52224	19.976	ug/l	96
47) Bromodichloromethane	9.692	83	105975	20.396	ug/l	97
48) Methyl methacrylate	9.492	41	91894	18.289	ug/l	93
49) 1,4-Dioxane	9.498	88	34465	304.861	ug/l #	97
51) 4-Methyl-2-Pentanone	10.263	43	658076	91.702	ug/l	92
52) Toluene	10.433	92	187087	20.145	ug/l	98
53) t-1,3-Dichloropropene	10.651	75	115664	20.700	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	124852	20.456	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	77881	19.099	ug/l	98
56) Ethyl methacrylate	10.692	69	127710	19.540	ug/l #	84
57) 1,3-Dichloropropane	10.980	76	132492	19.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	277287	96.097	ug/l	97
59) 2-Hexanone	11.022	43	489019	88.105	ug/l	90
60) Dibromochloromethane	11.175	129	80195	20.810	ug/l	99
61) 1,2-Dibromoethane	11.280	107	82359	20.488	ug/l	99
64) Tetrachloroethene	10.910	164	61753	20.292	ug/l	96
65) Chlorobenzene	11.704	112	200583	20.531	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	74529	20.043	ug/l	98
67) Ethyl Benzene	11.780	91	355805	20.689	ug/l	100
68) m/p-Xylenes	11.886	106	274237	40.655	ug/l	99
69) o-Xylene	12.216	106	136309	20.223	ug/l	98
70) Styrene	12.227	104	220811	20.400	ug/l	99
71) Bromoform	12.392	173	57769	20.604	ug/l #	98
73) Isopropylbenzene	12.510	105	353486	20.057	ug/l	100
74) N-amyl acetate	12.321	43	171565	18.759	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	119248	18.788	ug/l	98
76) 1,2,3-Trichloropropane	12.816	75	103138m	18.673	ug/l	
77) Bromobenzene	12.792	156	83144	19.692	ug/l	92
78) n-propylbenzene	12.857	91	394339	20.342	ug/l	99
79) 2-Chlorotoluene	12.939	91	250178	19.929	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	292420	20.199	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.557	75	38386	18.769	ug/l	94
82) 4-Chlorotoluene	13.039	91	240291	20.232	ug/l	98
83) tert-Butylbenzene	13.257	119	259795	19.595	ug/l	96
84) 1,2,4-Trimethylbenzene	13.298	105	293826	20.377	ug/l	98
85) sec-Butylbenzene	13.433	105	357371	20.206	ug/l	100
86) p-Isopropyltoluene	13.551	119	296575	20.711	ug/l	99
87) 1,3-Dichlorobenzene	13.545	146	150617	19.981	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	150425	19.717	ug/l	97
89) n-Butylbenzene	13.874	91	241547	20.658	ug/l	99
90) Hexachloroethane	14.145	117	55363	20.508	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	155642	19.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	27478	17.113	ug/l	97
93) 1,2,4-Trichlorobenzene	15.186	180	84204	19.355	ug/l	98
94) Hexachlorobutadiene	15.292	225	37779	19.955	ug/l	97
95) Naphthalene	15.427	128	309365	17.579	ug/l	100
96) 1,2,3-Trichlorobenzene	15.615	180	86083	18.530	ug/l	98

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

