

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070938.D
 Acq On : 3 Feb 2022 18:41
 Operator : JC/MD
 Sample : VN0203WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

Quant Time: Feb 04 04:44:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	741656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1239454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1129546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	471231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	516814	51.480	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.960%			
35) Dibromofluoromethane	8.024	113	380242	51.211	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.420%			
50) Toluene-d8	10.440	98	1553033	50.942	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.731	95	550684	50.131	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	175334	21.306	ug/l	99
3) Chloromethane	2.303	50	165027	15.878	ug/l	97
4) Vinyl Chloride	2.445	62	143785	16.559	ug/l	99
5) Bromomethane	2.850	94	93222	20.991	ug/l	95
6) Chloroethane	3.017	64	90055	22.869	ug/l	100
7) Trichlorofluoromethane	3.373	101	212086	21.872	ug/l	95
8) Diethyl Ether	3.824	74	115882	20.606	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.202	101	153747	21.014	ug/l	96
10) Methyl Iodide	4.419	142	218428	20.233	ug/l	97
11) Tert butyl alcohol	5.385	59	239449	113.510	ug/l	98
12) 1,1-Dichloroethene	4.178	96	154224	20.634	ug/l	92
13) Acrolein	4.041	56	221096	95.200	ug/l	99
14) Allyl chloride	4.838	41	364684	21.418	ug/l #	83
15) Acrylonitrile	5.556	53	665897	113.037	ug/l	99
16) Acetone	4.291	43	572749	95.413	ug/l	98
17) Carbon Disulfide	4.524	76	457449	19.707	ug/l	98
18) Methyl Acetate	4.859	43	309465	22.354	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	616008	21.587	ug/l	94
20) Methylene Chloride	5.092	84	187320	20.549	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	166829	20.935	ug/l	86
22) Diisopropyl ether	6.501	45	726352	22.024	ug/l	91
23) Vinyl Acetate	6.436	43	3170231	108.675	ug/l	95
24) 1,1-Dichloroethane	6.388	63	348863	21.008	ug/l	98
25) 2-Butanone	7.340	43	941366	108.642	ug/l	93
26) 2,2-Dichloropropane	7.324	77	257614	19.753	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	196430	20.871	ug/l	88
28) Bromochloromethane	7.656	49	162969	22.490	ug/l #	77
29) Tetrahydrofuran	7.689	42	657724	116.861	ug/l	88
30) Chloroform	7.820	83	334271	21.159	ug/l	100
31) Cyclohexane	8.096	56	358320	21.007	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	280678	21.049	ug/l	98
36) 1,1-Dichloropropene	8.222	75	248930	20.637	ug/l	96
37) Ethyl Acetate	7.415	43	372386	22.399	ug/l	97
38) Carbon Tetrachloride	8.206	117	223928	20.328	ug/l	99
39) Methylcyclohexane	9.459	83	309246	20.855	ug/l	88
40) Benzene	8.461	78	784422	20.699	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	179187	21.452	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	273094	21.168	ug/l	100
43) Isopropyl Acetate	8.563	43	564406	20.195	ug/l	95
44) Trichloroethene	9.217	130	177297	20.219	ug/l	90
45) 1,2-Dichloropropane	9.491	63	212966	20.986	ug/l	99
46) Dibromomethane	9.577	93	126386	20.790	ug/l	95
47) Bromodichloromethane	9.762	83	253874	20.733	ug/l	99
48) Methyl methacrylate	9.561	41	255038	21.166	ug/l #	82
49) 1,4-Dioxane	9.569	88	92943	460.447	ug/l	87
51) 4-Methyl-2-Pentanone	10.330	43	1865211	113.387	ug/l	98
52) Toluene	10.505	92	475961	20.270	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	275412	19.930	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	309751	20.609	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	185401	20.791	ug/l	97
56) Ethyl methacrylate	10.762	69	327478	21.084	ug/l	89
57) 1,3-Dichloropropane	11.044	76	331374	21.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	379136	102.711	ug/l	91
59) 2-Hexanone	11.087	43	1363672	113.541	ug/l	97
60) Dibromochloromethane	11.240	129	177939	20.118	ug/l	100
61) 1,2-Dibromoethane	11.347	107	192182	20.955	ug/l	98
64) Tetrachloroethene	10.977	164	157020	21.239	ug/l	96
65) Chlorobenzene	11.771	112	481755	20.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	168530	20.425	ug/l	99
67) Ethyl Benzene	11.846	91	900502	20.895	ug/l	97
68) m/p-Xylenes	11.953	106	669188	41.908	ug/l	94
69) o-Xylene	12.280	106	330202	20.662	ug/l	94
70) Styrene	12.294	104	533431	21.179	ug/l	97
71) Bromoform	12.457	173	132427	19.438	ug/l #	98
73) Isopropylbenzene	12.578	105	858477	20.880	ug/l	98
74) N-amyl acetate	12.387	43	389063	21.129	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	303726	21.327	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	234089m	20.638	ug/l	
77) Bromobenzene	12.859	156	197290	20.017	ug/l	77
78) n-propylbenzene	12.921	91	976837	20.833	ug/l	96
79) 2-Chlorotoluene	13.007	91	593349	20.351	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	701519	21.048	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	84491	20.192	ug/l	95
82) 4-Chlorotoluene	13.104	91	582717	20.737	ug/l	91
83) tert-Butylbenzene	13.323	119	600500	20.659	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	685369	21.028	ug/l	98
85) sec-Butylbenzene	13.500	105	846999	20.828	ug/l	97
86) p-Isopropyltoluene	13.616	119	675959	21.078	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	337459	20.583	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	325539	19.850	ug/l	96
89) n-Butylbenzene	13.943	91	571347	20.217	ug/l	96
90) Hexachloroethane	14.211	117	110771	19.490	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	324671	20.642	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56113	21.744	ug/l	84
93) 1,2,4-Trichlorobenzene	15.263	180	174730	20.075	ug/l	98
94) Hexachlorobutadiene	15.370	225	106995	20.368	ug/l	98
95) Naphthalene	15.504	128	523823	23.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	171833	21.697	ug/l	98

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

