

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070045.D
 Acq On : 13 Dec 2021 22:00
 Operator : JC/MD
 Sample : VN1213WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS02

Quant Time: Dec 14 07:28:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	996416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1644189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1486676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	587239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	765652	49.767	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.540%		
35) Dibromofluoromethane	8.021	113	536414	52.085	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.160%		
50) Toluene-d8	10.440	98	2049992	49.573	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.140%		
62) 4-Bromofluorobenzene	12.731	95	696352	46.481	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	211127	18.167	ug/l	99
3) Chloromethane	2.303	50	263087	18.069	ug/l	99
4) Vinyl Chloride	2.448	62	242303	18.099	ug/l	100
5) Bromomethane	2.850	94	126951	17.454	ug/l	96
6) Chloroethane	3.017	64	144551	17.620	ug/l	96
7) Trichlorofluoromethane	3.373	101	314992	17.927	ug/l	98
8) Diethyl Ether	3.821	74	129227	19.096	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	187567	19.043	ug/l	96
10) Methyl Iodide	4.419	142	242859	18.049	ug/l	98
11) Tert butyl alcohol	5.382	59	239629	82.401	ug/l	98
12) 1,1-Dichloroethene	4.181	96	174263	18.360	ug/l	87
13) Acrolein	4.041	56	202881	81.923	ug/l	100
14) Allyl chloride	4.840	41	408871	19.118	ug/l	92
15) Acrylonitrile	5.557	53	724989	92.518	ug/l	100
16) Acetone	4.288	43	733444	79.252	ug/l	97
17) Carbon Disulfide	4.527	76	477538	19.475	ug/l	99
18) Methyl Acetate	4.857	43	503340	18.019	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	688794	18.664	ug/l	94
20) Methylene Chloride	5.095	84	226571	18.416	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	190557	18.485	ug/l	87
22) Diisopropyl ether	6.498	45	833284	19.934	ug/l	96
23) Vinyl Acetate	6.434	43	3263804	95.969	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	424124	19.586	ug/l	98
25) 2-Butanone	7.337	43	1078215	85.748	ug/l	90
26) 2,2-Dichloropropane	7.324	77	294146	17.471	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	232665	18.680	ug/l	87
28) Bromochloromethane	7.657	49	228469	20.289	ug/l #	77
29) Tetrahydrofuran	7.689	42	704200	92.228	ug/l	87
30) Chloroform	7.820	83	435115	19.896	ug/l	99
31) Cyclohexane	8.094	56	390612	18.244	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	362079	19.437	ug/l	94
36) 1,1-Dichloropropene	8.222	75	298349	19.061	ug/l	95
37) Ethyl Acetate	7.415	43	402451	17.275	ug/l	96
38) Carbon Tetrachloride	8.206	117	309544	20.167	ug/l	96
39) Methylcyclohexane	9.459	83	330178	17.734	ug/l	88
40) Benzene	8.458	78	918016	19.188	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	216477	19.795	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	364349	18.865	ug/l	97
43) Isopropyl Acetate	8.563	43	634544	18.406	ug/l #	94
44) Trichloroethene	9.217	130	211115	18.488	ug/l	92
45) 1,2-Dichloropropane	9.491	63	253062	19.697	ug/l	99
46) Dibromomethane	9.577	93	163297	19.381	ug/l	93
47) Bromodichloromethane	9.762	83	349395	21.901	ug/l	98
48) Methyl methacrylate	9.561	41	297077	18.465	ug/l	88
49) 1,4-Dioxane	9.569	88	102494	355.047	ug/l	87
51) 4-Methyl-2-Pentanone	10.330	43	2156026	96.403	ug/l	94
52) Toluene	10.505	92	555150	19.006	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	336639	19.356	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	370107	19.641	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	229223	19.450	ug/l	98
56) Ethyl methacrylate	10.762	69	356480	17.580	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	400645	19.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	395187	79.358	ug/l	89
59) 2-Hexanone	11.087	43	1517601	89.702	ug/l	91
60) Dibromochloromethane	11.237	129	247229	21.025	ug/l	99
61) 1,2-Dibromoethane	11.344	107	227476	18.635	ug/l	100
64) Tetrachloroethene	10.977	164	184321	18.285	ug/l	92
65) Chlorobenzene	11.771	112	577665	19.153	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	225087	21.204	ug/l	98
67) Ethyl Benzene	11.846	91	1067511	19.485	ug/l	96
68) m/p-Xylenes	11.953	106	770238	38.613	ug/l	91
69) o-Xylene	12.283	106	384516	19.137	ug/l	92
70) Styrene	12.294	104	620912	19.488	ug/l	95
71) Bromoform	12.457	173	188345	22.342	ug/l #	100
73) Isopropylbenzene	12.578	105	1001413	19.167	ug/l	98
74) N-amyl acetate	12.390	43	411931	17.828	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	366290	20.274	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	308512m	18.319	ug/l	
77) Bromobenzene	12.862	156	232172	18.918	ug/l	75
78) n-propylbenzene	12.921	91	1128234	19.405	ug/l	95
79) 2-Chlorotoluene	13.007	91	716848	19.513	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	823305	19.578	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	94873	21.001	ug/l	91
82) 4-Chlorotoluene	13.104	91	665051	19.250	ug/l	92
83) tert-Butylbenzene	13.324	119	702230	18.858	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	798620	19.941	ug/l	96
85) sec-Butylbenzene	13.501	105	969144	19.188	ug/l	97
86) p-Isopropyltoluene	13.616	119	758357	19.208	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	389968	19.342	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	376720	19.014	ug/l	97
89) n-Butylbenzene	13.943	91	581592	18.160	ug/l	98
90) Hexachloroethane	14.211	117	158091	22.807	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	387336	19.718	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	67961	20.816	ug/l	75
93) 1,2,4-Trichlorobenzene	15.265	180	157821	18.316	ug/l	98
94) Hexachlorobutadiene	15.370	225	104871	20.144	ug/l	99
95) Naphthalene	15.507	128	419770	17.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	157334	18.375	ug/l	98

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

