

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070821.D
 Acq On : 28 Jan 2022 11:47
 Operator : JC/MD
 Sample : VN0128WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 28 23:15:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	608129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	958997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	887348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	398029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	435598	49.980	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.960%		
35) Dibromofluoromethane	8.021	113	299024	50.267	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.540%		
50) Toluene-d8	10.440	98	1211930	48.361	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.720%		
62) 4-Bromofluorobenzene	12.728	95	452557	50.678	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	118286	16.833	ug/l	98
3) Chloromethane	2.306	50	184715	17.983	ug/l	98
4) Vinyl Chloride	2.451	62	199078	20.377	ug/l	97
5) Bromomethane	2.877	94	130653	25.677	ug/l	99
6) Chloroethane	3.030	64	126840	20.805	ug/l	100
7) Trichlorofluoromethane	3.384	101	260997	23.386	ug/l	99
8) Diethyl Ether	3.827	74	79663	16.340	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.213	101	117317	17.392	ug/l	97
10) Methyl Iodide	4.422	142	131587	15.128	ug/l	96
11) Tert butyl alcohol	5.371	59	113674	72.294	ug/l	99
12) 1,1-Dichloroethene	4.186	96	109471	16.272	ug/l	90
13) Acrolein	4.044	56	221224	98.100	ug/l	99
14) Allyl chloride	4.840	41	239713	16.353	ug/l	89
15) Acrylonitrile	5.556	53	403729	80.712	ug/l	100
16) Acetone	4.288	43	488355	80.731	ug/l	100
17) Carbon Disulfide	4.535	76	298000	16.310	ug/l	100
18) Methyl Acetate	4.859	43	182684	15.356	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	440930	18.346	ug/l	94
20) Methylene Chloride	5.098	84	132938	16.684	ug/l #	86
21) trans-1,2-Dichloroethene	5.602	96	118541	17.507	ug/l	87
22) Diisopropyl ether	6.498	45	504574	17.367	ug/l	94
23) Vinyl Acetate	6.433	43	2095542	85.084	ug/l	95
24) 1,1-Dichloroethane	6.388	63	257744	17.734	ug/l	98
25) 2-Butanone	7.335	43	592360	77.820	ug/l	93
26) 2,2-Dichloropropane	7.327	77	214888	19.285	ug/l	95
27) cis-1,2-Dichloroethene	7.329	96	140209	17.432	ug/l	84
28) Bromochloromethane	7.656	49	118083	18.096	ug/l #	79
29) Tetrahydrofuran	7.686	42	371751	79.761	ug/l	89
30) Chloroform	7.817	83	261287	18.088	ug/l	100
31) Cyclohexane	8.096	56	255492	16.648	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	222307	19.707	ug/l	97
36) 1,1-Dichloropropene	8.222	75	191472	19.119	ug/l	96
37) Ethyl Acetate	7.415	43	222588	16.742	ug/l	98
38) Carbon Tetrachloride	8.206	117	191170	21.458	ug/l	98
39) Methylcyclohexane	9.459	83	224065	18.124	ug/l	87
40) Benzene	8.461	78	568636	18.325	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	117667	17.396	ug/l	87
42) 1,2-Dichloroethane	8.531	62	220570	20.500	ug/l	98
43) Isopropyl Acetate	8.560	43	362974	17.874	ug/l	96
44) Trichloroethene	9.215	130	133167	18.930	ug/l	91
45) 1,2-Dichloropropane	9.491	63	154746	18.329	ug/l	99
46) Dibromomethane	9.577	93	95612	19.477	ug/l	93
47) Bromodichloromethane	9.762	83	199450	19.876	ug/l	99
48) Methyl methacrylate	9.558	41	160521	16.592	ug/l #	86
49) 1,4-Dioxane	9.569	88	45726	314.659	ug/l	85
51) 4-Methyl-2-Pentanone	10.330	43	1123099	86.672	ug/l	98
52) Toluene	10.505	92	356891	19.227	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	212141	18.999	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	233233	19.381	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	135494	18.582	ug/l	95
56) Ethyl methacrylate	10.759	69	219779	17.420	ug/l	90
57) 1,3-Dichloropropane	11.044	76	243085	18.831	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	191419	71.025	ug/l	92
59) 2-Hexanone	11.084	43	808615	85.900	ug/l	97
60) Dibromochloromethane	11.237	129	141908	20.864	ug/l	98
61) 1,2-Dibromoethane	11.344	107	136404	18.632	ug/l	100
64) Tetrachloroethene	10.977	164	120851	18.575	ug/l	96
65) Chlorobenzene	11.768	112	369951	19.243	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	135086	20.405	ug/l	100
67) Ethyl Benzene	11.843	91	692621	19.432	ug/l	94
68) m/p-Xylenes	11.953	106	500368	38.588	ug/l	89
69) o-Xylene	12.280	106	244044	18.965	ug/l	89
70) Styrene	12.294	104	403694	19.610	ug/l	94
71) Bromoform	12.457	173	102539	20.504	ug/l #	100
73) Isopropylbenzene	12.578	105	659667	17.518	ug/l	98
74) N-amyl acetate	12.387	43	226087	14.685	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	211095	16.599	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	192919m	18.274	ug/l	
77) Bromobenzene	12.859	156	149305	17.685	ug/l	78
78) n-propylbenzene	12.918	91	763608	18.133	ug/l	96
79) 2-Chlorotoluene	13.004	91	467480	17.549	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	553770	18.185	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	56684	15.996	ug/l	97
82) 4-Chlorotoluene	13.104	91	455057	18.283	ug/l	90
83) tert-Butylbenzene	13.323	119	467807	17.648	ug/l	91
84) 1,2,4-Trimethylbenzene	13.366	105	532522	18.193	ug/l	97
85) sec-Butylbenzene	13.500	105	660586	18.331	ug/l	97
86) p-Isopropyltoluene	13.613	119	538808	19.033	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	263770	18.781	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	254475	18.207	ug/l	96
89) n-Butylbenzene	13.940	91	424951	18.196	ug/l	98
90) Hexachloroethane	14.209	117	93318	18.858	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	248019	17.874	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	37730	17.490	ug/l	74
93) 1,2,4-Trichlorobenzene	15.263	180	116090	18.131	ug/l	99
94) Hexachlorobutadiene	15.370	225	83048	20.208	ug/l	99
95) Naphthalene	15.504	128	250231	15.873	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	108959	17.720	ug/l	97

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

