

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070803.D
 Acq On : 27 Jan 2022 13:58
 Operator : JC/MD
 Sample : VN0127WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 00:36:29 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	8.083	168	599635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	968803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	948775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	418419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	456854	53.161	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.320%			
35) Dibromofluoromethane	8.021	113	312596	52.017	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.040%			
50) Toluene-d8	10.440	98	1260715	49.798	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.600%			
62) 4-Bromofluorobenzene	12.728	95	505238	56.004	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	123608	17.839	ug/l	98
3) Chloromethane	2.306	50	185944	18.359	ug/l	99
4) Vinyl Chloride	2.451	62	186979	19.410	ug/l	96
5) Bromomethane	2.869	94	118341	23.587	ug/l	98
6) Chloroethane	3.030	64	123448	20.535	ug/l	97
7) Trichlorofluoromethane	3.387	101	249745	22.694	ug/l	98
8) Diethyl Ether	3.827	74	88033	18.313	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.216	101	118063	17.751	ug/l	96
10) Methyl Iodide	4.425	142	161664	18.849	ug/l	96
11) Tert butyl alcohol	5.366	59	128599	82.945	ug/l	98
12) 1,1-Dichloroethene	4.189	96	112864	17.014	ug/l	91
13) Acrolein	4.041	56	180597	81.219	ug/l	100
14) Allyl chloride	4.843	41	256669	17.758	ug/l	88
15) Acrylonitrile	5.551	53	416076	84.359	ug/l	99
16) Acetone	4.285	43	472331	79.188	ug/l	99
17) Carbon Disulfide	4.535	76	303238	16.831	ug/l	99
18) Methyl Acetate	4.857	43	197335	16.823	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	474869	20.038	ug/l	97
20) Methylene Chloride	5.093	84	143177	18.223	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	124616	18.665	ug/l	86
22) Diisopropyl ether	6.493	45	549766	19.190	ug/l	94
23) Vinyl Acetate	6.431	43	2273392	93.613	ug/l	94
24) 1,1-Dichloroethane	6.385	63	275377	19.216	ug/l	97
25) 2-Butanone	7.332	43	608073	81.016	ug/l	92
26) 2,2-Dichloropropane	7.324	77	224639	20.446	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	150127	18.929	ug/l	84
28) Bromochloromethane	7.657	49	110244	17.134	ug/l #	78
29) Tetrahydrofuran	7.683	42	380950	82.892	ug/l	89
30) Chloroform	7.817	83	275165	19.353	ug/l	99
31) Cyclohexane	8.094	56	266677	17.623	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	231232	20.788	ug/l	97
36) 1,1-Dichloropropene	8.220	75	193630	19.139	ug/l	96
37) Ethyl Acetate	7.410	43	235355	17.523	ug/l	96
38) Carbon Tetrachloride	8.204	117	191663	21.296	ug/l	100
39) Methylcyclohexane	9.459	83	229424	18.369	ug/l	89
40) Benzene	8.458	78	600419	19.154	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	118102	17.283	ug/l #	90
42) 1,2-Dichloroethane	8.528	62	229115	21.079	ug/l	98
43) Isopropyl Acetate	8.558	43	384204	18.728	ug/l #	96
44) Trichloroethene	9.212	130	137005	19.279	ug/l	89
45) 1,2-Dichloropropane	9.488	63	166266	19.494	ug/l	97
46) Dibromomethane	9.574	93	99246	20.012	ug/l	94
47) Bromodichloromethane	9.759	83	209760	20.692	ug/l	99
48) Methyl methacrylate	9.555	41	167934	17.183	ug/l	89
49) 1,4-Dioxane	9.566	88	50494	343.953	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	1152037	88.005	ug/l	98
52) Toluene	10.502	92	371338	19.803	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	224744	19.807	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	242231	19.924	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	143059	19.421	ug/l	98
56) Ethyl methacrylate	10.757	69	233660	18.212	ug/l	89
57) 1,3-Dichloropropane	11.041	76	283326	21.726	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	231724	80.898	ug/l	90
59) 2-Hexanone	11.081	43	881486	92.693	ug/l	97
60) Dibromochloromethane	11.234	129	154463	22.480	ug/l	100
61) 1,2-Dibromoethane	11.342	107	164007	22.175	ug/l	99
64) Tetrachloroethene	10.974	164	126213	18.143	ug/l	94
65) Chlorobenzene	11.768	112	406116	19.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	147437	20.828	ug/l	99
67) Ethyl Benzene	11.840	91	755880	19.833	ug/l	95
68) m/p-Xylenes	11.950	106	631025	45.513	ug/l	93
69) o-Xylene	12.278	106	289551	21.044	ug/l	92
70) Styrene	12.291	104	463345	21.050	ug/l	96
71) Bromoform	12.455	173	109596	20.497	ug/l #	99
73) Isopropylbenzene	12.575	105	713120	18.015	ug/l	98
74) N-amyl acetate	12.385	43	269388	16.645	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	236698	17.706	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	219067m	19.740	ug/l	
77) Bromobenzene	12.860	156	164575	18.543	ug/l	76
78) n-propylbenzene	12.919	91	871866	19.695	ug/l	95
79) 2-Chlorotoluene	13.004	91	511512	18.266	ug/l	91
80) 1,3,5-Trimethylbenzene	13.055	105	601340	18.785	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	59226	15.899	ug/l	98
82) 4-Chlorotoluene	13.104	91	493691	18.869	ug/l	91
83) tert-Butylbenzene	13.321	119	542946	19.485	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	614947	19.985	ug/l	97
85) sec-Butylbenzene	13.501	105	707069	18.665	ug/l	96
86) p-Isopropyltoluene	13.613	119	607785	20.424	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	302350	20.479	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	289794	19.724	ug/l	96
89) n-Butylbenzene	13.940	91	469042	19.105	ug/l	96
90) Hexachloroethane	14.209	117	115946	22.289	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	279848	19.185	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	36604	16.141	ug/l	82
93) 1,2,4-Trichlorobenzene	15.260	180	125735	18.576	ug/l	97
94) Hexachlorobutadiene	15.364	225	91390	21.155	ug/l	99
95) Naphthalene	15.501	128	273212	16.295	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	113159	17.545	ug/l	98

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

