

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070802.D
 Acq On : 27 Jan 2022 13:22
 Operator : JC/MD
 Sample : VN0127WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 00:36:12 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	635476	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	1018426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1008177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	446610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	478825	52.576	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.160%			
35) Dibromofluoromethane	8.019	113	325716	51.559	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.120%			
50) Toluene-d8	10.438	98	1414763	53.160	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.320%			
62) 4-Bromofluorobenzene	12.728	95	529153	55.797	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	131645	17.927	ug/l	97
3) Chloromethane	2.303	50	193040	17.984	ug/l	98
4) Vinyl Chloride	2.451	62	194296	19.032	ug/l	98
5) Bromomethane	2.864	94	127230	23.928	ug/l	99
6) Chloroethane	3.025	64	122566	19.239	ug/l	98
7) Trichlorofluoromethane	3.381	101	268060	22.985	ug/l	97
8) Diethyl Ether	3.827	74	87292	17.135	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.213	101	129446	18.365	ug/l	96
10) Methyl Iodide	4.422	142	161627	17.782	ug/l	97
11) Tert butyl alcohol	5.366	59	135530	82.485	ug/l	97
12) 1,1-Dichloroethene	4.183	96	117460	16.708	ug/l	90
13) Acrolein	4.041	56	193747	82.218	ug/l	100
14) Allyl chloride	4.843	41	268716	17.543	ug/l	88
15) Acrylonitrile	5.551	53	435722	83.360	ug/l	100
16) Acetone	4.285	43	512636	81.098	ug/l	98
17) Carbon Disulfide	4.532	76	319080	16.712	ug/l	99
18) Methyl Acetate	4.854	43	205957	16.567	ug/l	93
19) Methyl tert-butyl Ether	5.613	73	477504	19.013	ug/l	96
20) Methylene Chloride	5.098	84	146357	17.577	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	128038	18.096	ug/l	# 84
22) Diisopropyl ether	6.493	45	561112	18.481	ug/l	# 95
23) Vinyl Acetate	6.431	43	2331826	90.604	ug/l	95
24) 1,1-Dichloroethane	6.383	63	283903	18.694	ug/l	98
25) 2-Butanone	7.332	43	652755	82.064	ug/l	94
26) 2,2-Dichloropropane	7.327	77	235859	20.256	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	153302	18.239	ug/l	83
28) Bromochloromethane	7.657	49	110628	16.224	ug/l	# 79
29) Tetrahydrofuran	7.683	42	405464	83.250	ug/l	89
30) Chloroform	7.817	83	278993	18.493	ug/l	98
31) Cyclohexane	8.094	56	282345	17.606	ug/l	88
32) 1,1,1-Trichloroethane	8.011	97	239701	20.334	ug/l	97
36) 1,1-Dichloropropene	8.220	75	209581	19.707	ug/l	95
37) Ethyl Acetate	7.407	43	243560	17.250	ug/l	97
38) Carbon Tetrachloride	8.204	117	203679	21.528	ug/l	98
39) Methylcyclohexane	9.456	83	249691	19.018	ug/l	89
40) Benzene	8.458	78	620194	18.820	ug/l	99

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41) Methacrylonitrile	7.635	41	125992	17.540	ug/l	90
42) 1,2-Dichloroethane	8.525	62	238645	20.886	ug/l	97
43) Isopropyl Acetate	8.558	43	394333	18.285	ug/l	96
44) Trichloroethene	9.215	130	143542	19.214	ug/l	90
45) 1,2-Dichloropropane	9.488	63	169106	18.861	ug/l	99
46) Dibromomethane	9.574	93	102604	19.681	ug/l	94
47) Bromodichloromethane	9.759	83	212928	19.981	ug/l	97
48) Methyl methacrylate	9.555	41	189276	18.423	ug/l #	82
49) 1,4-Dioxane	9.566	88	54848	355.407	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	1339299	97.325	ug/l	98
52) Toluene	10.505	92	443130	22.480	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	269853	22.281	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	273093	21.369	ug/l	98
55) 1,1,2-Trichloroethane	10.894	97	175368	22.647	ug/l	98
56) Ethyl methacrylate	10.757	69	293699	21.326	ug/l	90
57) 1,3-Dichloropropane	11.041	76	310249	22.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	272828	88.059	ug/l	90
59) 2-Hexanone	11.081	43	1042296	104.263	ug/l	97
60) Dibromochloromethane	11.234	129	166761	23.087	ug/l	100
61) 1,2-Dibromoethane	11.342	107	166262	21.385	ug/l	98
64) Tetrachloroethene	10.974	164	157087	21.251	ug/l	97
65) Chlorobenzene	11.768	112	421865	19.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	155881	20.724	ug/l	99
67) Ethyl Benzene	11.840	91	816149	20.153	ug/l	95
68) m/p-Xylenes	11.950	106	611379	41.498	ug/l	90
69) o-Xylene	12.278	106	286601	19.603	ug/l	89
70) Styrene	12.294	104	477689	20.423	ug/l	95
71) Bromoform	12.455	173	115434	20.316	ug/l #	99
73) Isopropylbenzene	12.575	105	766001	18.130	ug/l	98
74) N-amyl acetate	12.385	43	274601	15.896	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	268935	18.847	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	276095m	23.308	ug/l	
77) Bromobenzene	12.857	156	215519	22.751	ug/l	79
78) n-propylbenzene	12.916	91	1057127	22.372	ug/l	96
79) 2-Chlorotoluene	13.004	91	636650	21.299	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	724458	21.203	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	68298	17.177	ug/l	94
82) 4-Chlorotoluene	13.101	91	577218	20.669	ug/l	92
83) tert-Butylbenzene	13.321	119	542318	18.234	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	618999	18.847	ug/l	97
85) sec-Butylbenzene	13.498	105	783851	19.385	ug/l	96
86) p-Isopropyltoluene	13.613	119	605468	19.062	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	292128	18.538	ug/l	95
88) 1,4-Dichlorobenzene	13.691	146	300685	19.173	ug/l	95
89) n-Butylbenzene	13.938	91	486011	18.547	ug/l	97
90) Hexachloroethane	14.209	117	107710	19.399	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	300577	19.306	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	40604	16.775	ug/l	76
93) 1,2,4-Trichlorobenzene	15.260	180	129807	18.080	ug/l	98
94) Hexachlorobutadiene	15.367	225	100139	21.717	ug/l	98
95) Naphthalene	15.504	128	281534	15.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	116009	16.978	ug/l	97

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

