

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012622\
 Data File : VN070785.D
 Acq On : 26 Jan 2022 13:07
 Operator : JC/MD
 Sample : VN0126WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 03:31:46 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	596795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	949598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1079484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	359346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	492122	57.538	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.080%			
35) Dibromofluoromethane	8.019	113	344300	58.451	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 116.900%			
50) Toluene-d8	10.438	98	1390582	56.039	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.080%			
62) 4-Bromofluorobenzene	12.728	95	522834	59.127	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	127330	18.464	ug/l	96
3) Chloromethane	2.306	50	189307	18.780	ug/l	99
4) Vinyl Chloride	2.451	62	194426	20.279	ug/l	97
5) Bromomethane	2.864	94	128347	25.703	ug/l	97
6) Chloroethane	3.027	64	120491	20.139	ug/l	96
7) Trichlorofluoromethane	3.384	101	251839	22.994	ug/l	93
8) Diethyl Ether	3.824	74	86830	18.149	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.213	101	124399	18.793	ug/l	97
10) Methyl Iodide	4.425	142	161173	18.881	ug/l	97
11) Tert butyl alcohol	5.369	59	125535	81.354	ug/l	98
12) 1,1-Dichloroethene	4.186	96	116269	17.611	ug/l	91
13) Acrolein	4.044	56	192788	87.114	ug/l	99
14) Allyl chloride	4.843	41	259491	18.039	ug/l	88
15) Acrylonitrile	5.554	53	427893	87.168	ug/l	99
16) Acetone	4.285	43	492249	82.920	ug/l	99
17) Carbon Disulfide	4.532	76	315406	17.590	ug/l	99
18) Methyl Acetate	4.857	43	201986	17.301	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	471212	19.979	ug/l	96
20) Methylene Chloride	5.093	84	144227	18.444	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	124883	18.794	ug/l	88
22) Diisopropyl ether	6.495	45	552263	19.369	ug/l	93
23) Vinyl Acetate	6.434	43	2291827	94.821	ug/l	95
24) 1,1-Dichloroethane	6.388	63	276062	19.356	ug/l	98
25) 2-Butanone	7.335	43	632888	84.724	ug/l	91
26) 2,2-Dichloropropane	7.324	77	225307	20.604	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	150330	19.045	ug/l	85
28) Bromochloromethane	7.657	49	123245	19.246	ug/l #	77
29) Tetrahydrofuran	7.683	42	401601	87.802	ug/l	88
30) Chloroform	7.817	83	271993	19.217	ug/l	98
31) Cyclohexane	8.094	56	274301	18.213	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	234617	21.193	ug/l	98
36) 1,1-Dichloropropene	8.222	75	201888	20.359	ug/l	94
37) Ethyl Acetate	7.412	43	241264	18.326	ug/l	97
38) Carbon Tetrachloride	8.204	117	197079	22.340	ug/l	100
39) Methylcyclohexane	9.459	83	238393	19.473	ug/l #	88
40) Benzene	8.458	78	612158	19.923	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	123859	18.493	ug/l	89
42) 1,2-Dichloroethane	8.528	62	228783	21.474	ug/l	99
43) Isopropyl Acetate	8.560	43	386979	19.245	ug/l	95
44) Trichloroethene	9.215	130	142258	20.423	ug/l	95
45) 1,2-Dichloropropane	9.488	63	165504	19.797	ug/l	97
46) Dibromomethane	9.574	93	101195	20.818	ug/l	94
47) Bromodichloromethane	9.759	83	207248	20.857	ug/l	98
48) Methyl methacrylate	9.558	41	170288	17.776	ug/l	88
49) 1,4-Dioxane	9.566	88	50029	347.677	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	1197133	93.300	ug/l	98
52) Toluene	10.502	92	379235	20.633	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	265067	23.344	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	241851	20.296	ug/l	96
55) 1,1,2-Trichloroethane	10.896	97	160900	22.284	ug/l	96
56) Ethyl methacrylate	10.760	69	283134	21.971	ug/l	90
57) 1,3-Dichloropropane	11.041	76	285724	22.354	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	240412	84.387	ug/l	90
59) 2-Hexanone	11.084	43	927859	99.543	ug/l	96
60) Dibromochloromethane	11.234	129	155216	23.046	ug/l	98
61) 1,2-Dibromoethane	11.344	107	155684	21.476	ug/l	98
64) Tetrachloroethene	10.977	164	145934	18.438	ug/l	96
65) Chlorobenzene	11.768	112	464939	19.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	165940	20.604	ug/l	97
67) Ethyl Benzene	11.843	91	859133	19.813	ug/l	95
68) m/p-Xylenes	11.950	106	621138	39.376	ug/l	91
69) o-Xylene	12.278	106	277036	17.697	ug/l	90
70) Styrene	12.291	104	448238	17.898	ug/l	95
71) Bromoform	12.455	173	111266	18.289	ug/l #	100
73) Isopropylbenzene	12.575	105	723250	21.275	ug/l	98
74) N-amyl acetate	12.385	43	266529	19.175	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	234015	20.383	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	192088m	20.154	ug/l	
77) Bromobenzene	12.857	156	161169	21.145	ug/l	76
78) n-propylbenzene	12.919	91	768589	20.216	ug/l	95
79) 2-Chlorotoluene	13.004	91	487379	20.265	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	574230	20.887	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	60277	18.842	ug/l	98
82) 4-Chlorotoluene	13.104	91	459710	20.458	ug/l	91
83) tert-Butylbenzene	13.321	119	485829	20.301	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	551326	20.863	ug/l	97
85) sec-Butylbenzene	13.498	105	657995	20.225	ug/l	97
86) p-Isopropyltoluene	13.613	119	534722	20.922	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	259777	20.488	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	250817	19.877	ug/l	96
89) n-Butylbenzene	13.940	91	408676	19.383	ug/l	96
90) Hexachloroethane	14.206	117	90176	20.185	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	248871	19.866	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.600	75	35381	18.167	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	104997	18.157	ug/l	98
94) Hexachlorobutadiene	15.367	225	79808	21.511	ug/l	98
95) Naphthalene	15.504	128	229556	16.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	98177	17.691	ug/l	98

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

