

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070849.D
 Acq On : 31 Jan 2022 13:52
 Operator : JC/MD
 Sample : VN0131WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/03/2022

Quant Time: Jan 31 16:43:11 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	579314	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	926715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	845654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	365349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	432542	52.098	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.200%			
35) Dibromofluoromethane	8.019	113	301408	52.433	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.860%			
50) Toluene-d8	10.438	98	1203449	49.695	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.728	95	440573	51.054	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	116055	17.337	ug/l	100
3) Chloromethane	2.306	50	177079	18.097	ug/l	100
4) Vinyl Chloride	2.451	62	189693	20.382	ug/l	100
5) Bromomethane	2.867	94	113124	23.338	ug/l	99
6) Chloroethane	3.030	64	107577	18.523	ug/l	97
7) Trichlorofluoromethane	3.387	101	238661	22.448	ug/l	99
8) Diethyl Ether	3.824	74	116137	25.007	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.216	101	159328	24.795	ug/l	96
10) Methyl Iodide	4.425	142	206731	24.949	ug/l	98
11) Tert butyl alcohol	5.366	59	142265	94.978	ug/l	98
12) 1,1-Dichloroethene	4.186	96	148428	23.160	ug/l	89
13) Acrolein	4.041	56	278301	129.549	ug/l	99
14) Allyl chloride	4.843	41	336254	24.080	ug/l	85
15) Acrylonitrile	5.551	53	535882	112.461	ug/l	98
16) Acetone	4.285	43	665165	115.429	ug/l	98
17) Carbon Disulfide	4.535	76	388823	22.339	ug/l	100
18) Methyl Acetate	4.857	43	270327	23.854	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	561930	24.544	ug/l	93
20) Methylene Chloride	5.098	84	184719	24.335	ug/l	88
21) trans-1,2-Dichloroethene	5.600	96	151378	23.469	ug/l	87
22) Diisopropyl ether	6.493	45	531846	19.216	ug/l	94
23) Vinyl Acetate	6.431	43	2235013	95.261	ug/l	96
24) 1,1-Dichloroethane	6.385	63	264651	19.115	ug/l	98
25) 2-Butanone	7.332	43	598257	82.504	ug/l	92
26) 2,2-Dichloropropane	7.324	77	217471	20.488	ug/l	96
27) cis-1,2-Dichloroethene	7.321	96	143831	18.771	ug/l	85
28) Bromochloromethane	7.657	49	109183	17.565	ug/l	# 81
29) Tetrahydrofuran	7.683	42	362419	81.626	ug/l	90
30) Chloroform	7.815	83	261173	19.004	ug/l	99
31) Cyclohexane	8.094	56	254586	17.414	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	222451	20.700	ug/l	98
36) 1,1-Dichloropropene	8.220	75	186767	19.299	ug/l	96
37) Ethyl Acetate	7.413	43	227172	17.682	ug/l	96
38) Carbon Tetrachloride	8.204	117	187794	21.813	ug/l	99
39) Methylcyclohexane	9.456	83	221168	18.512	ug/l	89
40) Benzene	8.459	78	573653	19.131	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	115747	17.708	ug/l	88
42) 1,2-Dichloroethane	8.528	62	219858	21.146	ug/l	98
43) Isopropyl Acetate	8.558	43	370032	18.856	ug/l	96
44) Trichloroethene	9.215	130	131830	19.393	ug/l	90
45) 1,2-Dichloropropane	9.488	63	159823	19.590	ug/l	97
46) Dibromomethane	9.574	93	97105	20.470	ug/l	94
47) Bromodichloromethane	9.759	83	202075	20.839	ug/l	100
48) Methyl methacrylate	9.558	41	174409	18.656	ug/l #	84
49) 1,4-Dioxane	9.569	88	43943	312.923	ug/l #	76
51) 4-Methyl-2-Pentanone	10.328	43	1131979	90.400	ug/l	98
52) Toluene	10.502	92	357943	19.956	ug/l	96
53) t-1,3-Dichloropropene	10.714	75	218621	20.101	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	235379	20.240	ug/l	98
55) 1,1,2-Trichloroethane	10.894	97	139865	19.849	ug/l	98
56) Ethyl methacrylate	10.757	69	229300	18.624	ug/l	91
57) 1,3-Dichloropropane	11.041	76	251338	20.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	201192	75.390	ug/l	91
59) 2-Hexanone	11.081	43	823186	90.494	ug/l	96
60) Dibromochloromethane	11.234	129	143048	21.764	ug/l	100
61) 1,2-Dibromoethane	11.342	107	139650	19.740	ug/l	100
64) Tetrachloroethene	10.974	164	122944	19.828	ug/l	96
65) Chlorobenzene	11.765	112	369472	20.165	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	136396	21.618	ug/l	100
67) Ethyl Benzene	11.840	91	684830	20.160	ug/l	96
68) m/p-Xylenes	11.950	106	507494	41.067	ug/l	89
69) o-Xylene	12.278	106	248728	20.282	ug/l	89
70) Styrene	12.291	104	406649	20.727	ug/l	95
71) Bromoform	12.455	173	101867	21.374	ug/l #	99
73) Isopropylbenzene	12.575	105	659090	19.069	ug/l	98
74) N-amyl acetate	12.385	43	243920	17.260	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	216247	18.525	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	213844m	22.068	ug/l	
77) Bromobenzene	12.857	156	151626	19.566	ug/l	78
78) n-propylbenzene	12.916	91	755185	19.537	ug/l	95
79) 2-Chlorotoluene	13.004	91	467384	19.114	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	559347	20.012	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	57919	17.807	ug/l	97
82) 4-Chlorotoluene	13.101	91	455412	19.934	ug/l	91
83) tert-Butylbenzene	13.321	119	468712	19.264	ug/l	92
84) 1,2,4-Trimethylbenzene	13.364	105	545018	20.286	ug/l	96
85) sec-Butylbenzene	13.498	105	668599	20.213	ug/l	97
86) p-Isopropyltoluene	13.613	119	530732	20.425	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	258284	20.036	ug/l	95
88) 1,4-Dichlorobenzene	13.691	146	256538	19.997	ug/l	96
89) n-Butylbenzene	13.940	91	419752	19.581	ug/l	97
90) Hexachloroethane	14.206	117	88467	19.477	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	253347	19.891	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	34365	17.355	ug/l	80
93) 1,2,4-Trichlorobenzene	15.260	180	115071	19.305	ug/l	98
94) Hexachlorobutadiene	15.365	225	80851	21.434	ug/l	99
95) Naphthalene	15.504	128	258815	17.258	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	107100	18.747	ug/l	98

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

