

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075316.D
 Acq On : 18 Nov 2022 16:41
 Operator : JC\MD
 Sample : VN1118MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 05:08:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	104229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	187602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	170870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	69375	49.400	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.800%		
35) Dibromofluoromethane	8.171	113	60160	54.625	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.260%		
50) Toluene-d8	10.565	98	196052	45.884	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.760%		
62) 4-Bromofluorobenzene	12.847	95	73699	49.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	20915	15.425	ug/l	97
3) Chloromethane	2.371	50	23522	16.332	ug/l	99
4) Vinyl Chloride	2.524	62	28970	14.100	ug/l	91
5) Bromomethane	2.930	94	28445	16.040	ug/l	94
6) Chloroethane	3.106	64	22516	15.283	ug/l	92
7) Trichlorofluoromethane	3.500	101	38149	18.176	ug/l	99
8) Diethyl Ether	3.971	74	18019	23.538	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	22260	19.205	ug/l	97
10) Methyl Iodide	4.594	142	37777	21.892	ug/l	97
11) Tert butyl alcohol	5.536	59	36183	110.482	ug/l #	82
12) 1,1-Dichloroethene	4.353	96	21421	19.388	ug/l	90
13) Acrolein	4.189	56	35390	132.112	ug/l	96
14) Allyl chloride	5.036	41	27181	16.844	ug/l	90
15) Acrylonitrile	5.730	53	79804	115.353	ug/l	99
16) Acetone	4.436	43	65448	110.063	ug/l	92
17) Carbon Disulfide	4.712	76	45066	16.220	ug/l	99
18) Methyl Acetate	5.036	43	47961	24.692	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	94235	22.948	ug/l	93
20) Methylene Chloride	5.283	84	30180	22.763	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	24591	20.328	ug/l	89
22) Diisopropyl ether	6.677	45	77138	21.662	ug/l	96
23) Vinyl Acetate	6.612	43	279278	93.917	ug/l	99
24) 1,1-Dichloroethane	6.571	63	47195	20.955	ug/l	98
25) 2-Butanone	7.488	43	105636	112.942	ug/l	97
26) 2,2-Dichloropropane	7.494	77	37052	17.883	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	32443	22.457	ug/l	93
28) Bromochloromethane	7.812	49	17950	18.907	ug/l	92
29) Tetrahydrofuran	7.841	42	66349	109.778	ug/l	99
30) Chloroform	7.965	83	52690	21.548	ug/l	96
31) Cyclohexane	8.259	56	36220	17.341	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	43626	19.646	ug/l	97
36) 1,1-Dichloropropene	8.371	75	32962	19.332	ug/l	98
37) Ethyl Acetate	7.565	43	41511	22.200	ug/l	100
38) Carbon Tetrachloride	8.365	117	36398	19.407	ug/l	96
39) Methylcyclohexane	9.600	83	40633	18.052	ug/l	91
40) Benzene	8.612	78	111685	21.393	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	20017	22.344	ug/l	93
42) 1,2-Dichloroethane	8.671	62	42575	22.416	ug/l	98
43) Isopropyl Acetate	8.688	43	62590	21.580	ug/l	97
44) Trichloroethene	9.353	130	28840	22.019	ug/l	95
45) 1,2-Dichloropropane	9.624	63	29406	23.669	ug/l	95
46) Dibromomethane	9.712	93	23284	24.055	ug/l	95
47) Bromodichloromethane	9.888	83	40234	21.465	ug/l	100
48) Methyl methacrylate	9.682	41	29231	21.970	ug/l	97
49) 1,4-Dioxane	9.694	88	17690	507.751	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	208522	111.410	ug/l	99
52) Toluene	10.629	92	72148	20.674	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	40396	20.418	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	46213	22.022	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	32319	23.356	ug/l	97
56) Ethyl methacrylate	10.876	69	45617	21.612	ug/l	98
57) 1,3-Dichloropropane	11.165	76	53555	23.241	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	67188	82.339	ug/l	97
59) 2-Hexanone	11.194	43	154594	108.829	ug/l	100
60) Dibromochloromethane	11.359	129	33871	23.201	ug/l	98
61) 1,2-Dibromoethane	11.470	107	33493	23.619	ug/l	99
64) Tetrachloroethene	11.106	164	25980	24.800	ug/l	91
65) Chlorobenzene	11.894	112	78844	21.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	29550	21.841	ug/l	99
67) Ethyl Benzene	11.965	91	129862	19.790	ug/l	98
68) m/p-Xylenes	12.070	106	104408	39.654	ug/l	99
69) o-Xylene	12.400	106	53117	20.399	ug/l	96
70) Styrene	12.412	104	85278	20.540	ug/l	99
71) Bromoform	12.576	173	23796	23.491	ug/l #	98
73) Isopropylbenzene	12.694	105	130866	19.619	ug/l	99
74) N-amyl acetate	12.494	43	51819	21.004	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	48393	23.087	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	42375m	24.020	ug/l	
77) Bromobenzene	12.982	156	33961	23.122	ug/l	91
78) n-propylbenzene	13.035	91	147462	19.690	ug/l	99
79) 2-Chlorotoluene	13.123	91	93748	20.485	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	111809	19.957	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14837	21.589	ug/l #	94
82) 4-Chlorotoluene	13.123	91	93748	20.485	ug/l	100
83) tert-Butylbenzene	13.441	119	99313	19.949	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	114695	20.233	ug/l	98
85) sec-Butylbenzene	13.617	105	133129	19.116	ug/l	99
86) p-Isopropyltoluene	13.729	119	115418	20.067	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	62712	21.807	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	61254	21.522	ug/l	99
89) n-Butylbenzene	14.059	91	92172	19.901	ug/l	100
90) Hexachloroethane	14.329	117	18304	17.357	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	64040	22.400	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9552	21.229	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	28972	23.550	ug/l	99
94) Hexachlorobutadiene	15.506	225	14680	24.477	ug/l	96
95) Naphthalene	15.641	128	106877	22.591	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30242	24.740	ug/l	98

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

