

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073527.D
 Acq On : 20 Jul 2022 17:05
 Operator : JC\MD
 Sample : VN0720MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 08:24:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	174827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	296438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	276903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	136495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	124007	49.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.260%		
35) Dibromofluoromethane	7.952	113	101882	51.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.320%		
50) Toluene-d8	10.381	98	334959	47.819	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.640%		
62) 4-Bromofluorobenzene	12.675	95	128743	47.826	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	40527	15.856	ug/l	100
3) Chloromethane	2.270	50	42369	17.074	ug/l	97
4) Vinyl Chloride	2.405	62	38306	18.168	ug/l	97
5) Bromomethane	2.799	94	21960	22.051	ug/l	93
6) Chloroethane	2.958	64	27063	21.820	ug/l	98
7) Trichlorofluoromethane	3.311	101	59822	16.411	ug/l	100
8) Diethyl Ether	3.764	74	28737	19.366	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.134	101	40055	18.597	ug/l	98
10) Methyl Iodide	4.346	142	31052	13.617	ug/l	93
11) Tert butyl alcohol	5.293	59	73230	119.778	ug/l	99
12) 1,1-Dichloroethene	4.105	96	36183	17.581	ug/l	94
13) Acrolein	3.987	56	10551	27.303	ug/l	95
14) Allyl chloride	4.752	41	84616	19.517	ug/l #	90
15) Acrylonitrile	5.475	53	200102	127.141	ug/l	99
16) Acetone	4.222	43	183964	129.857	ug/l	97
17) Carbon Disulfide	4.458	76	76821	14.395	ug/l	99
18) Methyl Acetate	4.781	43	111017	27.964	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	152374	20.314	ug/l	97
20) Methylene Chloride	5.016	84	50656	20.347	ug/l #	89
21) trans-1,2-Dichloroethene	5.516	96	38725	18.008	ug/l	98
22) Diisopropyl ether	6.416	45	183694	22.706	ug/l	96
23) Vinyl Acetate	6.352	43	765164	105.635	ug/l #	92
24) 1,1-Dichloroethane	6.305	63	89193	21.304	ug/l	98
25) 2-Butanone	7.263	43	296311	131.374	ug/l #	86
26) 2,2-Dichloropropane	7.252	77	64892	16.759	ug/l	100
27) cis-1,2-Dichloroethene	7.246	96	49565	19.033	ug/l	92
28) Bromochloromethane	7.587	49	39956	22.788	ug/l #	80
29) Tetrahydrofuran	7.610	42	198279	128.388	ug/l #	85
30) Chloroform	7.746	83	90925	21.563	ug/l	99
31) Cyclohexane	8.022	56	68591	16.594	ug/l	98
32) 1,1,1-Trichloroethane	7.946	97	72335	19.249	ug/l	97
36) 1,1-Dichloropropene	8.151	75	58830	19.386	ug/l	97
37) Ethyl Acetate	7.340	43	110933	24.193	ug/l #	94
38) Carbon Tetrachloride	8.134	117	58757	18.723	ug/l	90
39) Methylcyclohexane	9.393	83	61172	16.191	ug/l	92
40) Benzene	8.393	78	190531	20.344	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	54267	24.403	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	72923	21.480	ug/l	98
43) Isopropyl Acetate	8.493	43	153769	23.334	ug/l #	91
44) Trichloroethene	9.151	130	44298	18.586	ug/l	97
45) 1,2-Dichloropropane	9.428	63	53070	22.232	ug/l	93
46) Dibromomethane	9.510	93	34758	21.445	ug/l	92
47) Bromodichloromethane	9.698	83	69532	22.150	ug/l	97
48) Methyl methacrylate	9.498	41	68229	22.361	ug/l	88
49) 1,4-Dioxane	9.504	88	31502	543.853	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	567292	135.747	ug/l	89
52) Toluene	10.445	92	116015	20.044	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	69139	20.007	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	75104	20.130	ug/l #	83
55) 1,1,2-Trichloroethane	10.840	97	52610	22.079	ug/l	97
56) Ethyl methacrylate	10.704	69	82946	21.537	ug/l #	84
57) 1,3-Dichloropropane	10.987	76	88549	21.678	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	159000	92.570	ug/l	94
59) 2-Hexanone	11.028	43	432643	135.814	ug/l	87
60) Dibromochloromethane	11.175	129	52068	22.919	ug/l	98
61) 1,2-Dibromoethane	11.287	107	50767	21.331	ug/l	99
64) Tetrachloroethene	10.916	164	46113	20.394	ug/l	97
65) Chlorobenzene	11.710	112	122709	19.594	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.781	131	47586	20.658	ug/l	99
67) Ethyl Benzene	11.787	91	216429	19.036	ug/l	100
68) m/p-Xylenes	11.892	106	163268	38.051	ug/l	97
69) o-Xylene	12.222	106	82120	18.747	ug/l	96
70) Styrene	12.234	104	132861	19.646	ug/l	97
71) Bromoform	12.398	173	38364	22.761	ug/l #	99
73) Isopropylbenzene	12.522	105	213776	18.137	ug/l	99
74) N-amyl acetate	12.328	43	111240	18.848	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	85920	21.967	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	74059m	20.750	ug/l	
77) Bromobenzene	12.798	156	50196	18.317	ug/l	85
78) n-propylbenzene	12.857	91	245615	18.757	ug/l	97
79) 2-Chlorotoluene	12.945	91	150475	18.157	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	174524	18.166	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	23150	17.788	ug/l #	85
82) 4-Chlorotoluene	13.045	91	143170	17.844	ug/l	99
83) tert-Butylbenzene	13.263	119	155219	18.021	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	173533	18.092	ug/l	99
85) sec-Butylbenzene	13.439	105	216636	18.731	ug/l	97
86) p-Isopropyltoluene	13.557	119	170542	18.254	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	92476	18.810	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	88970	18.062	ug/l	98
89) n-Butylbenzene	13.881	91	138990	17.853	ug/l	95
90) Hexachloroethane	14.151	117	34566	19.852	ug/l	88
91) 1,2-Dichlorobenzene	13.928	146	93767	18.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	20341	21.397	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	46739	17.924	ug/l	99
94) Hexachlorobutadiene	15.304	225	23251	20.057	ug/l	97
95) Naphthalene	15.433	128	176406	16.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	51805	19.258	ug/l	98

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

