

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073179.D
 Acq On : 27 Jun 2022 23:22
 Operator : JC\MD
 Sample : VN0627MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 06:40:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	255414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	457630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	402037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	181124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	189741	54.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.900%			
35) Dibromofluoromethane	7.951	113	148663	52.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.120%			
50) Toluene-d8	10.380	98	531987	50.544	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.668	95	195974	51.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	42820	17.608	ug/l	97
3) Chloromethane	2.269	50	44666	17.461	ug/l	97
4) Vinyl Chloride	2.404	62	39700	18.204	ug/l	98
5) Bromomethane	2.804	94	19162	22.320	ug/l	93
6) Chloroethane	2.975	64	25063	18.369	ug/l	93
7) Trichlorofluoromethane	3.322	101	77882	21.929	ug/l	100
8) Diethyl Ether	3.769	74	37243	20.319	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.140	101	48103	19.594	ug/l	98
10) Methyl Iodide	4.351	142	44890	15.953	ug/l	96
11) Tert butyl alcohol	5.287	59	91338	102.398	ug/l	98
12) 1,1-Dichloroethene	4.116	96	44505	18.200	ug/l	98
13) Acrolein	3.981	56	17664	50.281	ug/l	99
14) Allyl chloride	4.769	41	97575	18.676	ug/l #	94
15) Acrylonitrile	5.475	53	214809	104.468	ug/l	99
16) Acetone	4.222	43	197819	104.216	ug/l	96
17) Carbon Disulfide	4.457	76	85580	13.659	ug/l	98
18) Methyl Acetate	4.781	43	106250	21.020	ug/l	90
19) Methyl tert-butyl Ether	5.540	73	194804	21.211	ug/l	97
20) Methylene Chloride	5.016	84	58019	19.559	ug/l	88
21) trans-1,2-Dichloroethene	5.516	96	47670	17.921	ug/l	93
22) Diisopropyl ether	6.416	45	211569	21.722	ug/l #	95
23) Vinyl Acetate	6.351	43	934952	103.988	ug/l	95
24) 1,1-Dichloroethane	6.304	63	105078	20.578	ug/l	98
25) 2-Butanone	7.257	43	325670	108.121	ug/l	90
26) 2,2-Dichloropropane	7.251	77	66566	15.303	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	63147	19.870	ug/l	97
28) Bromochloromethane	7.586	49	45966	21.766	ug/l	86
29) Tetrahydrofuran	7.610	42	209973	105.564	ug/l	88
30) Chloroform	7.751	83	108193	20.930	ug/l	97
31) Cyclohexane	8.022	56	84357	18.060	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	94291	20.786	ug/l	98
36) 1,1-Dichloropropene	8.151	75	70187	18.338	ug/l	98
37) Ethyl Acetate	7.339	43	120086	19.616	ug/l	95
38) Carbon Tetrachloride	8.133	117	75415	18.733	ug/l	95
39) Methylcyclohexane	9.392	83	76108	16.497	ug/l	88
40) Benzene	8.392	78	225675	18.762	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.575	41	58623	20.193	ug/l #	88
42) 1,2-Dichloroethane	8.463	62	89161	20.870	ug/l	100
43) Isopropyl Acetate	8.492	43	182392	20.842	ug/l	94
44) Trichloroethene	9.151	130	56246	18.452	ug/l	99
45) 1,2-Dichloropropane	9.422	63	62590	20.357	ug/l	99
46) Dibromomethane	9.510	93	42053	20.228	ug/l	93
47) Bromodichloromethane	9.698	83	83866	20.298	ug/l	99
48) Methyl methacrylate	9.498	41	79370	19.865	ug/l	91
49) 1,4-Dioxane	9.504	88	32938	366.390	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	598282	104.841	ug/l	92
52) Toluene	10.439	92	141290	19.132	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	84449	19.006	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	92131	18.982	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	63854	19.692	ug/l	93
56) Ethyl methacrylate	10.698	69	107000	20.588	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	107954	20.068	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	258482	112.650	ug/l	96
59) 2-Hexanone	11.021	43	475921	107.828	ug/l	88
60) Dibromochloromethane	11.180	129	62762	20.480	ug/l	99
61) 1,2-Dibromoethane	11.286	107	64220	20.090	ug/l	100
64) Tetrachloroethene	10.910	164	52336	21.399	ug/l	95
65) Chlorobenzene	11.704	112	151563	19.304	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	59026	19.752	ug/l	99
67) Ethyl Benzene	11.780	91	276618	20.013	ug/l	100
68) m/p-Xylenes	11.892	106	208886	38.532	ug/l	97
69) o-Xylene	12.216	106	108255	19.985	ug/l	98
70) Styrene	12.233	104	171619	19.728	ug/l	98
71) Bromoform	12.398	173	45591	20.233	ug/l #	99
73) Isopropylbenzene	12.516	105	275735	19.678	ug/l	100
74) N-amyl acetate	12.327	43	146523	20.150	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	98382	19.496	ug/l	98
76) 1,2,3-Trichloropropane	12.815	75	85921m	19.566	ug/l	
77) Bromobenzene	12.798	156	64052	19.081	ug/l	86
78) n-propylbenzene	12.857	91	309605	20.088	ug/l	98
79) 2-Chlorotoluene	12.945	91	190533	19.090	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	227948	19.805	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	28815	17.721	ug/l	91
82) 4-Chlorotoluene	13.039	91	184001	19.486	ug/l	98
83) tert-Butylbenzene	13.257	119	208008	19.733	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	225312	19.654	ug/l	97
85) sec-Butylbenzene	13.439	105	273879	19.477	ug/l	99
86) p-Isopropyltoluene	13.551	119	224669	19.734	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	116698	19.472	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	114099	18.810	ug/l	97
89) n-Butylbenzene	13.880	91	177201	19.062	ug/l	98
90) Hexachloroethane	14.145	117	43007	20.038	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	121579	19.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	24399	19.122	ug/l	93
93) 1,2,4-Trichlorobenzene	15.192	180	61987	17.921	ug/l	98
94) Hexachlorobutadiene	15.298	225	27137	18.029	ug/l	98
95) Naphthalene	15.433	128	265946	19.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	65801	17.815	ug/l	97

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

