

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073101.D
 Acq On : 25 Jun 2022 11:13
 Operator : JC\MD
 Sample : VN0625MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 03:34:18 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						06/27/2022
1) Pentafluorobenzene	8.016	168	224785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	394885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	345569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	153016	50.000	ug/l	0.00
System Monitoring Compounds						06/30/2022
33) 1,2-Dichloroethane-d4	8.369	65	160711	52.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.760%
35) Dibromofluoromethane	7.951	113	124766	51.118	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.240%
50) Toluene-d8	10.374	98	459120	50.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.668	95	161611	49.486	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	47019	21.969	ug/l	97
3) Chloromethane	2.269	50	45559	20.147	ug/l	95
4) Vinyl Chloride	2.404	62	41756	21.755	ug/l	97
5) Bromomethane	2.804	94	19272	25.507	ug/l	92
6) Chloroethane	2.969	64	27802	23.153	ug/l	100
7) Trichlorofluoromethane	3.322	101	78277	25.044	ug/l	95
8) Diethyl Ether	3.763	74	35060	21.734	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.145	101	48391	22.398	ug/l	97
10) Methyl Iodide	4.351	142	39948	16.131	ug/l	93
11) Tert butyl alcohol	5.287	59	80820	102.952	ug/l	98
12) 1,1-Dichloroethene	4.122	96	43702	20.306	ug/l	95
13) Acrolein	3.987	56	17932	57.999	ug/l	97
14) Allyl chloride	4.757	41	97505	21.206	ug/l #	93
15) Acrylonitrile	5.475	53	212701	117.538	ug/l	98
16) Acetone	4.222	43	193374	115.756	ug/l	98
17) Carbon Disulfide	4.457	76	88975	16.136	ug/l	100
18) Methyl Acetate	4.781	43	103216	23.202	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	188049	23.266	ug/l	97
20) Methylene Chloride	5.016	84	55792	21.393	ug/l	90
21) trans-1,2-Dichloroethene	5.510	96	47538	20.307	ug/l	100
22) Diisopropyl ether	6.416	45	205316	23.952	ug/l	95
23) Vinyl Acetate	6.351	43	918146	116.034	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	103366	23.001	ug/l	97
25) 2-Butanone	7.263	43	313927	118.423	ug/l	90
26) 2,2-Dichloropropane	7.245	77	85483	22.598	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	60825	21.747	ug/l	94
28) Bromochloromethane	7.586	49	41251	22.195	ug/l	83
29) Tetrahydrofuran	7.610	42	206528	117.980	ug/l	87
30) Chloroform	7.745	83	105461	23.181	ug/l	100
31) Cyclohexane	8.022	56	83261	20.254	ug/l	91
32) 1,1,1-Trichloroethane	7.945	97	88000	22.042	ug/l	97
36) 1,1-Dichloropropene	8.151	75	67226	20.355	ug/l	99
37) Ethyl Acetate	7.339	43	115454	21.856	ug/l	98
38) Carbon Tetrachloride	8.133	117	74258	21.376	ug/l	95
39) Methylcyclohexane	9.392	83	76531	19.225	ug/l	91
40) Benzene	8.386	78	227018	21.872	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	57152	22.815	ug/l	#	85
42) 1,2-Dichloroethane	8.463	62	84749	22.989	ug/l		98
43) Isopropyl Acetate	8.492	43	175158	23.196	ug/l	#	93
44) Trichloroethene	9.151	130	53524	20.349	ug/l		93
45) 1,2-Dichloropropane	9.427	63	60416	22.772	ug/l		99
46) Dibromomethane	9.510	93	40899	22.799	ug/l		91
47) Bromodichloromethane	9.698	83	80323	22.530	ug/l		98
48) Methyl methacrylate	9.492	41	77503	22.480	ug/l		89
49) 1,4-Dioxane	9.498	88	31551	406.727	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.269	43	587405	119.290	ug/l		91
52) Toluene	10.439	92	138514	21.737	ug/l		99
53) t-1,3-Dichloropropene	10.657	75	84929	22.151	ug/l		97
54) cis-1,3-Dichloropropene	10.127	75	90715	21.660	ug/l	#	88
55) 1,1,2-Trichloroethane	10.839	97	61630	22.027	ug/l		97
56) Ethyl methacrylate	10.698	69	97613	21.766	ug/l	#	87
57) 1,3-Dichloropropane	10.980	76	104080	22.422	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.980	63	223295	112.778	ug/l		95
59) 2-Hexanone	11.021	43	446807	117.317	ug/l		89
60) Dibromochloromethane	11.174	129	60296	22.802	ug/l		98
61) 1,2-Dibromoethane	11.280	107	60951	22.097	ug/l		100
64) Tetrachloroethene	10.910	164	46130	21.943	ug/l		96
65) Chlorobenzene	11.704	112	147443	21.847	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.780	131	56603	22.036	ug/l		98
67) Ethyl Benzene	11.780	91	261367	22.000	ug/l		100
68) m/p-Xylenes	11.892	106	196581	42.188	ug/l		96
69) o-Xylene	12.216	106	101117	21.717	ug/l		98
70) Styrene	12.233	104	164395	21.986	ug/l		99
71) Bromoform	12.398	173	42595	21.993	ug/l	#	98
73) Isopropylbenzene	12.515	105	260157	21.977	ug/l		98
74) N-amyl acetate	12.327	43	134692	21.926	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.763	83	96994	22.751	ug/l		98
76) 1,2,3-Trichloropropane	12.821	75	77542m	20.902	ug/l		
77) Bromobenzene	12.798	156	58836	20.747	ug/l		85
78) n-propylbenzene	12.857	91	293934	22.574	ug/l		97
79) 2-Chlorotoluene	12.945	91	181075	21.475	ug/l		98
80) 1,3,5-Trimethylbenzene	12.998	105	215873	22.201	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.563	75	28539	20.775	ug/l		92
82) 4-Chlorotoluene	13.039	91	176780	22.160	ug/l		97
83) tert-Butylbenzene	13.257	119	190805	21.426	ug/l		97
84) 1,2,4-Trimethylbenzene	13.304	105	212549	21.946	ug/l		98
85) sec-Butylbenzene	13.439	105	259012	21.803	ug/l		99
86) p-Isopropyltoluene	13.551	119	209218	21.753	ug/l		98
87) 1,3-Dichlorobenzene	13.551	146	108808	21.491	ug/l		99
88) 1,4-Dichlorobenzene	13.627	146	108139	21.103	ug/l		100
89) n-Butylbenzene	13.880	91	166256	21.169	ug/l		99
90) Hexachloroethane	14.145	117	40865	22.537	ug/l		81
91) 1,2-Dichlorobenzene	13.921	146	114630	21.710	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	23176	21.510	ug/l		88
93) 1,2,4-Trichlorobenzene	15.192	180	54850	18.771	ug/l		97
94) Hexachlorobutadiene	15.298	225	25791	20.282	ug/l		98
95) Naphthalene	15.433	128	222665	18.837	ug/l		99
96) 1,2,3-Trichlorobenzene	15.621	180	60155	19.278	ug/l		98

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

06/27/2022
 Supervised By :Mahesh
 Dadoda

06/30/2022

