

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075027.D
 Acq On : 26 Oct 2022 17:41
 Operator : JC\MD
 Sample : VN1026MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 09:55:46 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	123614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	229128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	221961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	86634	52.015	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	8.177	113	72410	53.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.660%			
50) Toluene-d8	10.570	98	285775	54.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.520%			
62) 4-Bromofluorobenzene	12.853	95	113989	62.180	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 124.360%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	39668	24.668	ug/l	97
3) Chloromethane	2.371	50	35686	20.893	ug/l	94
4) Vinyl Chloride	2.524	62	45637	18.729	ug/l	97
5) Bromomethane	2.942	94	34537	16.549	ug/l	99
6) Chloroethane	3.118	64	31589	18.079	ug/l #	85
7) Trichlorofluoromethane	3.506	101	57269	23.007	ug/l	95
8) Diethyl Ether	3.971	74	20707	22.807	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	31148	22.658	ug/l	98
10) Methyl Iodide	4.600	142	46108	22.530	ug/l	100
11) Tert butyl alcohol	5.547	59	35139	90.468	ug/l	98
12) 1,1-Dichloroethene	4.347	96	29592	22.584	ug/l	93
13) Acrolein	4.194	56	29572	93.082	ug/l	93
14) Allyl chloride	5.041	41	39616	20.701	ug/l	96
15) Acrylonitrile	5.736	53	82693	100.784	ug/l	99
16) Acetone	4.447	43	68893	97.688	ug/l	93
17) Carbon Disulfide	4.718	76	66000	20.029	ug/l	98
18) Methyl Acetate	5.041	43	47101	20.446	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	100893	20.717	ug/l	100
20) Methylene Chloride	5.288	84	33100	21.050	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	29666	20.678	ug/l	93
22) Diisopropyl ether	6.688	45	82976	19.647	ug/l	96
23) Vinyl Acetate	6.618	43	335304m	95.075	ug/l	
24) 1,1-Dichloroethane	6.577	63	53072	19.869	ug/l	96
25) 2-Butanone	7.494	43	106473	95.985	ug/l	98
26) 2,2-Dichloropropane	7.500	77	45160	18.378	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	35841	20.919	ug/l	92
28) Bromochloromethane	7.824	49	20478	18.187	ug/l	90
29) Tetrahydrofuran	7.853	42	69575	97.064	ug/l	97
30) Chloroform	7.977	83	57219	19.730	ug/l	95
31) Cyclohexane	8.259	56	45443	18.345	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	54017	20.511	ug/l	97
36) 1,1-Dichloropropene	8.377	75	40896	19.638	ug/l	98
37) Ethyl Acetate	7.577	43	42600	18.653	ug/l	99
38) Carbon Tetrachloride	8.371	117	47653	20.803	ug/l	95
39) Methylcyclohexane	9.606	83	56530	20.563	ug/l	96
40) Benzene	8.618	78	125382	19.664	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	23500	21.478	ug/l	98
42) 1,2-Dichloroethane	8.676	62	45856	19.768	ug/l	100
43) Isopropyl Acetate	8.694	43	68495	19.336	ug/l	99
44) Trichloroethene	9.353	130	31809	19.884	ug/l	94
45) 1,2-Dichloropropane	9.623	63	30693	20.227	ug/l	92
46) Dibromomethane	9.718	93	23810	20.141	ug/l	100
47) Bromodichloromethane	9.888	83	43577	19.035	ug/l	96
48) Methyl methacrylate	9.682	41	30960	19.053	ug/l	99
49) 1,4-Dioxane	9.700	88	16300	383.063	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	220308	96.375	ug/l	99
52) Toluene	10.635	92	88473	20.757	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	47959	19.847	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	50858	19.844	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	35680	21.112	ug/l	95
56) Ethyl methacrylate	10.876	69	54701	21.219	ug/l	97
57) 1,3-Dichloropropane	11.165	76	57947	20.589	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.165	63	97541	97.872	ug/l	96
59) 2-Hexanone	11.200	43	169035	97.429	ug/l	99
60) Dibromochloromethane	11.365	129	35900	20.134	ug/l	96
61) 1,2-Dibromoethane	11.470	107	37074	21.406	ug/l	99
64) Tetrachloroethene	11.106	164	26516	19.485	ug/l	96
65) Chlorobenzene	11.894	112	94945	20.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35840	20.392	ug/l	85
67) Ethyl Benzene	11.970	91	172788	20.271	ug/l	99
68) m/p-Xylenes	12.076	106	141911	41.492	ug/l	97
69) o-Xylene	12.400	106	76975	22.757	ug/l	88
70) Styrene	12.412	104	116516	21.604	ug/l	99
71) Bromoform	12.582	173	28612	21.744	ug/l #	98
73) Isopropylbenzene	12.700	105	193562	19.617	ug/l	97
74) N-amyl acetate	12.494	43	64096	17.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	59132	18.368	ug/l #	97
76) 1,2,3-Trichloropropane	12.994	75	58151m	22.284	ug/l	
77) Bromobenzene	12.982	156	44368	20.422	ug/l	94
78) n-propylbenzene	13.041	91	230512	20.808	ug/l #	67
79) 2-Chlorotoluene	13.129	91	133531	19.726	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	167366	20.195	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	15776	15.519	ug/l	96
82) 4-Chlorotoluene	13.129	91	133531	19.726	ug/l	98
83) tert-Butylbenzene	13.441	119	145904	19.813	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	167038	19.921	ug/l	99
85) sec-Butylbenzene	13.617	105	250814	24.347	ug/l	97
86) p-Isopropyltoluene	13.735	119	192959	22.680	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	89053	20.935	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	85491	20.307	ug/l	97
89) n-Butylbenzene	14.058	91	149602	21.836	ug/l	96
90) Hexachloroethane	14.341	117	30278	19.410	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	89963	21.273	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12386	18.610	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	45843	25.192	ug/l	100
94) Hexachlorobutadiene	15.505	225	22025	24.827	ug/l	98
95) Naphthalene	15.641	128	177460	25.358	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.841	180	45923	25.398	ug/l #	91

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

