

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075360.D
 Acq On : 22 Nov 2022 12:09
 Operator : JC\MD
 Sample : VN1122MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:05:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	148682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42105	52.756	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.520%			
35) Dibromofluoromethane	8.171	113	49995	51.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	10.565	98	115684	52.804	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.600%			
62) 4-Bromofluorobenzene	12.847	95	86292	53.363	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	22300	19.615	ug/l	97
3) Chloromethane	2.371	50	25554	18.064	ug/l	98
4) Vinyl Chloride	2.524	62	33888	19.007	ug/l	99
5) Bromomethane	2.930	94	29941	19.097	ug/l	97
6) Chloroethane	3.112	64	25408	18.808	ug/l #	81
7) Trichlorofluoromethane	3.501	101	48380	18.995	ug/l	96
8) Diethyl Ether	3.971	74	18394	20.605	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	28476	20.252	ug/l	95
10) Methyl Iodide	4.601	142	43467	19.078	ug/l	98
11) Tert butyl alcohol	5.536	59	33745	100.721	ug/l #	86
12) 1,1-Dichloroethene	4.348	96	26642	19.350	ug/l	82
13) Acrolein	4.195	56	30207	103.495	ug/l	99
14) Allyl chloride	5.036	41	36446	20.464	ug/l	94
15) Acrylonitrile	5.724	53	78749	102.449	ug/l	98
16) Acetone	4.442	43	68713	92.302	ug/l	96
17) Carbon Disulfide	4.718	76	66249	18.514	ug/l	100
18) Methyl Acetate	5.036	43	39016	20.013	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	96492	19.783	ug/l	97
20) Methylene Chloride	5.289	84	30491	19.416	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	29710	18.934	ug/l	96
22) Diisopropyl ether	6.683	45	82107	20.202	ug/l	97
23) Vinyl Acetate	6.612	43	290418	89.819	ug/l	98
24) 1,1-Dichloroethane	6.577	63	52957	20.300	ug/l	98
25) 2-Butanone	7.489	43	99809	96.032	ug/l	98
26) 2,2-Dichloropropane	7.494	77	45623	18.817	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	35208	19.843	ug/l	93
28) Bromochloromethane	7.818	49	21727	20.518	ug/l	88
29) Tetrahydrofuran	7.841	42	65655	103.854	ug/l	99
30) Chloroform	7.971	83	57082	19.054	ug/l	99
31) Cyclohexane	8.259	56	47649	18.791	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	52867	19.436	ug/l	90
36) 1,1-Dichloropropene	8.371	75	40695	19.184	ug/l	96
37) Ethyl Acetate	7.565	43	42013	21.996	ug/l	99
38) Carbon Tetrachloride	8.365	117	47167	20.241	ug/l	95
39) Methylcyclohexane	9.600	83	54408	20.494	ug/l	97
40) Benzene	8.612	78	126905	19.540	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	20732	21.231	ug/l	96
42) 1,2-Dichloroethane	8.671	62	44498	20.457	ug/l	96
43) Isopropyl Acetate	8.688	43	64190	20.937	ug/l	100
44) Trichloroethene	9.353	130	35010	19.701	ug/l	95
45) 1,2-Dichloropropane	9.624	63	30419	19.654	ug/l	97
46) Dibromomethane	9.712	93	23263	19.872	ug/l	91
47) Bromodichloromethane	9.888	83	44924	19.816	ug/l	94
48) Methyl methacrylate	9.683	41	28608	20.180	ug/l	97
49) 1,4-Dioxane	9.700	88	16907	420.000	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	201151	103.011	ug/l	97
52) Toluene	10.630	92	82727	19.766	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	46453	20.411	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	50036	20.242	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	33985	19.937	ug/l	92
56) Ethyl methacrylate	10.877	69	47266	20.532	ug/l	99
57) 1,3-Dichloropropane	11.165	76	55400	19.932	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	85666	103.181	ug/l	96
59) 2-Hexanone	11.194	43	149186	101.743	ug/l	97
60) Dibromochloromethane	11.359	129	35459	20.266	ug/l	100
61) 1,2-Dibromoethane	11.471	107	34581	19.545	ug/l	99
64) Tetrachloroethene	11.106	164	32810	19.185	ug/l	87
65) Chlorobenzene	11.894	112	90797	19.632	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	33839	19.604	ug/l	99
67) Ethyl Benzene	11.965	91	157646	19.979	ug/l	97
68) m/p-Xylenes	12.071	106	130057	40.589	ug/l	99
69) o-Xylene	12.400	106	62438	19.612	ug/l	100
70) Styrene	12.412	104	102878	20.485	ug/l	97
71) Bromoform	12.576	173	26240	19.974	ug/l #	98
73) Isopropylbenzene	12.694	105	164577	19.402	ug/l	99
74) N-amyl acetate	12.494	43	52633	20.183	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	51425	19.885	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	43215m	19.686	ug/l	
77) Bromobenzene	12.982	156	40650	19.411	ug/l	85
78) n-propylbenzene	13.035	91	187041	19.758	ug/l	99
79) 2-Chlorotoluene	13.129	91	111890	19.617	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	141504	20.079	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14362	19.358	ug/l	99
82) 4-Chlorotoluene	13.129	91	111890	19.617	ug/l	97
83) tert-Butylbenzene	13.441	119	121690	18.939	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	141851	20.067	ug/l	99
85) sec-Butylbenzene	13.618	105	173666	19.919	ug/l	99
86) p-Isopropyltoluene	13.729	119	146773	20.009	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	77427	19.514	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	76667	19.022	ug/l	100
89) n-Butylbenzene	14.059	91	122899	19.837	ug/l	98
90) Hexachloroethane	14.335	117	24578	19.423	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	77358	20.002	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9735	19.872	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	37326	18.833	ug/l	98
94) Hexachlorobutadiene	15.506	225	19697	19.079	ug/l	98
95) Naphthalene	15.641	128	124087	19.901	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36976	18.982	ug/l	97

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

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