

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068919.D
 Acq On : 14 Oct 2021 12:44
 Operator : JC/MD
 Sample : VN1014MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:53:17 PM

Quant Time: Oct 14 22:43:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	344878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	577227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	527974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	232885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	198208	43.590	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.180%
35) Dibromofluoromethane	8.024	113	158439	47.177	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.360%
50) Toluene-d8	10.443	98	631428	46.991	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.980%
62) 4-Bromofluorobenzene	12.734	95	230861	45.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	64328	15.850	ug/l	99
3) Chloromethane	2.303	50	69161	16.407	ug/l	99
4) Vinyl Chloride	2.446	62	78894	18.426	ug/l	100
5) Bromomethane	2.859	94	52748	22.397	ug/l	99
6) Chloroethane	3.019	64	46987	18.621	ug/l	96
7) Trichlorofluoromethane	3.379	101	104162	17.374	ug/l	100
8) Diethyl Ether	3.829	74	36966	16.530	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	57505	17.838	ug/l	97
10) Methyl Iodide	4.425	142	69807	14.919	ug/l	99
11) Tert butyl alcohol	5.355	59	59547	71.668	ug/l	100
12) 1,1-Dichloroethene	4.189	96	55006	16.506	ug/l	94
13) Acrolein	4.044	56	21288	57.918	ug/l	94
14) Allyl chloride	4.846	41	95532	15.992	ug/l	97
15) Acrylonitrile	5.557	53	144427	77.576	ug/l	99
16) Acetone	4.288	43	122567	72.230	ug/l	100
17) Carbon Disulfide	4.537	76	146532	16.202	ug/l	99
18) Methyl Acetate	4.859	43	100297	15.583	ug/l #	73
19) Methyl tert-butyl Ether	5.618	73	205056	16.526	ug/l	98
20) Methylene Chloride	5.098	84	64213	16.441	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	58696	16.304	ug/l	96
22) Diisopropyl ether	6.495	45	200047	16.103	ug/l	98
23) Vinyl Acetate	6.434	43	741780	78.983	ug/l	99
24) 1,1-Dichloroethane	6.391	63	112048	16.600	ug/l	99
25) 2-Butanone	7.335	43	194810	75.920	ug/l	96
26) 2,2-Dichloropropane	7.329	77	103123	16.032	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	71191	16.358	ug/l	96
28) Bromochloromethane	7.657	49	45148	14.768	ug/l	94
29) Tetrahydrofuran	7.683	42	131713	79.135	ug/l	99
30) Chloroform	7.820	83	120372	16.922	ug/l	99
31) Cyclohexane	8.096	56	113591	16.067	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	109258	16.476	ug/l	99
36) 1,1-Dichloropropene	8.222	75	86260	17.495	ug/l	99
37) Ethyl Acetate	7.413	43	81630	16.031	ug/l	99
38) Carbon Tetrachloride	8.209	117	95871	17.705	ug/l	99
39) Methylcyclohexane	9.462	83	114424	18.031	ug/l	97
40) Benzene	8.461	78	260086	17.324	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	41262	16.075	ug/l	97
42) 1,2-Dichloroethane	8.531	62	92243	17.350	ug/l	99
43) Isopropyl Acetate	8.560	43	149966	16.692	ug/l	100
44) Trichloroethene	9.217	130	67807	18.046	ug/l	96
45) 1,2-Dichloropropane	9.494	63	66145	16.979	ug/l	97
46) Dibromomethane	9.580	93	45791	17.219	ug/l	96
47) Bromodichloromethane	9.762	83	94893	17.220	ug/l	99
48) Methyl methacrylate	9.561	41	68064	16.123	ug/l	96
49) 1,4-Dioxane	9.569	88	24773	325.994	ug/l	95
51) 4-Methyl-2-Pentanone	10.331	43	425798	81.733	ug/l	100
52) Toluene	10.508	92	171788	17.785	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	103872	16.640	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	111006	17.092	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	65271	17.139	ug/l	99
56) Ethyl methacrylate	10.762	69	106070	16.589	ug/l	97
57) 1,3-Dichloropropane	11.047	76	108401	17.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	131472	83.411	ug/l	99
59) 2-Hexanone	11.087	43	297845	79.724	ug/l	99
60) Dibromochloromethane	11.240	129	73665	17.137	ug/l	99
61) 1,2-Dibromoethane	11.347	107	68163	17.450	ug/l	99
64) Tetrachloroethene	10.980	164	63302	18.612	ug/l	98
65) Chlorobenzene	11.771	112	179923	18.009	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	70187	17.949	ug/l	100
67) Ethyl Benzene	11.846	91	337215	18.171	ug/l	100
68) m/p-Xylenes	11.956	106	257564	36.611	ug/l	97
69) o-Xylene	12.283	106	126986	18.033	ug/l	98
70) Styrene	12.296	104	204216	17.815	ug/l	99
71) Bromoform	12.460	173	53295	17.014	ug/l #	97
73) Isopropylbenzene	12.581	105	329827	17.015	ug/l	100
74) N-amyl acetate	12.390	43	114000	15.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	93767	16.739	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	81721m	16.492	ug/l	
77) Bromobenzene	12.862	156	75432	17.598	ug/l	93
78) n-propylbenzene	12.921	91	370809	17.022	ug/l	99
79) 2-Chlorotoluene	13.010	91	226216	16.848	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	278004	17.218	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	29573	14.278	ug/l	98
82) 4-Chlorotoluene	13.106	91	221359	17.061	ug/l	99
83) tert-Butylbenzene	13.324	119	239839	17.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	266452	17.128	ug/l	99
85) sec-Butylbenzene	13.503	105	336584	17.292	ug/l	100
86) p-Isopropyltoluene	13.619	119	269600	17.268	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	134223	18.103	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	130775	17.772	ug/l	99
89) n-Butylbenzene	13.943	91	217527	16.736	ug/l	100
90) Hexachloroethane	14.211	117	53228	16.230	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	129009	17.912	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	17128	15.858	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	57525	16.543	ug/l	98
94) Hexachlorobutadiene	15.370	225	37341	18.208	ug/l	99
95) Naphthalene	15.507	128	136392	15.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	53721	16.223	ug/l	99

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

