

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076374.D
 Acq On : 24 Jan 2023 11:28
 Operator : JC\MD
 Sample : VN0124MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

Quant Time: Jan 25 05:53:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	388035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	625914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	551925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	230723	53.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	8.177	113	203821	52.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	10.571	98	749925	51.863	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.853	95	257929	54.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	72897	18.332	ug/l	98
3) Chloromethane	2.377	50	79602	19.335	ug/l	96
4) Vinyl Chloride	2.530	62	106912	21.178	ug/l	99
5) Bromomethane	2.965	94	86938	21.029	ug/l	99
6) Chloroethane	3.130	64	79834	21.090	ug/l	96
7) Trichlorofluoromethane	3.512	101	127582	18.370	ug/l	96
8) Diethyl Ether	3.977	74	46929	20.145	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	71729	18.244	ug/l	98
10) Methyl Iodide	4.600	142	106196	17.683	ug/l	98
11) Tert butyl alcohol	5.530	59	49503	85.183	ug/l	100
12) 1,1-Dichloroethene	4.353	96	66294	17.837	ug/l	92
13) Acrolein	4.189	56	54000	77.699	ug/l	99
14) Allyl chloride	5.042	41	90007	20.781	ug/l	90
15) Acrylonitrile	5.736	53	157630	95.317	ug/l	98
16) Acetone	4.442	43	154839	111.130	ug/l	98
17) Carbon Disulfide	4.730	76	154284	16.672	ug/l	99
18) Methyl Acetate	5.036	43	88255	18.697	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	234179	19.354	ug/l	100
20) Methylene Chloride	5.294	84	78222	18.601	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	71879	17.852	ug/l	98
22) Diisopropyl ether	6.683	45	203535	19.927	ug/l	98
23) Vinyl Acetate	6.612	43	628768	95.249	ug/l	99
24) 1,1-Dichloroethane	6.577	63	131737	19.349	ug/l	98
25) 2-Butanone	7.488	43	206916	97.270	ug/l	95
26) 2,2-Dichloropropane	7.500	77	110843	19.316	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	87037	18.534	ug/l	97
28) Bromochloromethane	7.824	49	61934	22.443	ug/l	100
29) Tetrahydrofuran	7.841	42	126343	96.233	ug/l	98
30) Chloroform	7.971	83	147674	19.602	ug/l	100
31) Cyclohexane	8.265	56	115423	17.294	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	131136	19.066	ug/l	93
36) 1,1-Dichloropropene	8.377	75	101553	18.253	ug/l	99
37) Ethyl Acetate	7.565	43	79650	17.872	ug/l	97
38) Carbon Tetrachloride	8.365	117	117127	18.878	ug/l	97
39) Methylcyclohexane	9.606	83	124958	18.392	ug/l	99
40) Benzene	8.612	78	311144	18.703	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	45322	19.397	ug/l	97
42) 1,2-Dichloroethane	8.677	62	109445	19.228	ug/l	100
43) Isopropyl Acetate	8.694	43	136492	18.801	ug/l	98
44) Trichloroethene	9.353	130	85788	18.232	ug/l	97
45) 1,2-Dichloropropane	9.624	63	76291	19.154	ug/l	99
46) Dibromomethane	9.712	93	56092	18.652	ug/l	98
47) Bromodichloromethane	9.888	83	113209	19.410	ug/l	99
48) Methyl methacrylate	9.682	41	65434	19.039	ug/l	97
49) 1,4-Dioxane	9.700	88	27760	382.794	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	421899	98.998	ug/l	98
52) Toluene	10.635	92	205344	18.458	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	108283	19.475	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	123634	19.328	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	82399	19.377	ug/l	99
56) Ethyl methacrylate	10.876	69	108498	19.763	ug/l	98
57) 1,3-Dichloropropane	11.165	76	131521	19.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	149317	80.565	ug/l	100
59) 2-Hexanone	11.200	43	307412	99.542	ug/l	99
60) Dibromochloromethane	11.359	129	89826	20.066	ug/l	98
61) 1,2-Dibromoethane	11.471	107	81144	19.117	ug/l	99
64) Tetrachloroethene	11.106	164	85364	17.151	ug/l	97
65) Chlorobenzene	11.894	112	221540	18.989	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	82866	19.090	ug/l	98
67) Ethyl Benzene	11.965	91	391843	19.624	ug/l	99
68) m/p-Xylenes	12.070	106	314516	39.281	ug/l	99
69) o-Xylene	12.400	106	155518	19.778	ug/l	98
70) Styrene	12.412	104	247791	19.737	ug/l	99
71) Bromoform	12.576	173	63360	20.211	ug/l #	100
73) Isopropylbenzene	12.700	105	402943	20.695	ug/l	99
74) N-amyl acetate	12.494	43	115127	20.556	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	112572	20.112	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	88862m	18.789	ug/l	
77) Bromobenzene	12.982	156	94955	20.529	ug/l	97
78) n-propylbenzene	13.035	91	451954	20.573	ug/l	99
79) 2-Chlorotoluene	13.129	91	271414	20.133	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	339042	20.786	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	29652	19.603	ug/l	95
82) 4-Chlorotoluene	13.129	91	271414	20.133	ug/l	100
83) tert-Butylbenzene	13.441	119	312770	21.559	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	340425	20.814	ug/l	99
85) sec-Butylbenzene	13.617	105	416796	20.705	ug/l	99
86) p-Isopropyltoluene	13.729	119	348089	21.028	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	171624	18.702	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	169387	19.466	ug/l	98
89) n-Butylbenzene	14.059	91	266234	20.260	ug/l	99
90) Hexachloroethane	14.335	117	60705	21.248	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	170078	18.608	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18621	19.139	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	73909	17.603	ug/l	97
94) Hexachlorobutadiene	15.506	225	44657	18.411	ug/l	97
95) Naphthalene	15.647	128	210723	17.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	73402	18.188	ug/l	99

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

