

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076332.D
 Acq On : 19 Jan 2023 18:55
 Operator : JC\MD
 Sample : VN0119MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 01:01:06 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	8.229	168	358096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	505479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	192737	48.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.140%		
35) Dibromofluoromethane	8.177	113	175898	48.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.460%		
50) Toluene-d8	10.571	98	654595	48.601	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.200%		
62) 4-Bromofluorobenzene	12.853	95	218768	49.755	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	68734	18.731	ug/l	92
3) Chloromethane	2.377	50	70250	18.490	ug/l	98
4) Vinyl Chloride	2.530	62	88621	19.022	ug/l	99
5) Bromomethane	2.965	94	77087	20.205	ug/l	99
6) Chloroethane	3.136	64	68432	19.589	ug/l	96
7) Trichlorofluoromethane	3.512	101	117778	18.376	ug/l	100
8) Diethyl Ether	3.971	74	41600	19.351	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	67105	18.495	ug/l	100
10) Methyl Iodide	4.606	142	103804	18.730	ug/l	99
11) Tert butyl alcohol	5.541	59	51098	95.278	ug/l	100
12) 1,1-Dichloroethene	4.353	96	63432	18.494	ug/l	92
13) Acrolein	4.194	56	56673	88.363	ug/l	100
14) Allyl chloride	5.036	41	78812	19.718	ug/l	92
15) Acrylonitrile	5.736	53	146532	96.014	ug/l	99
16) Acetone	4.442	43	115416	89.747	ug/l	95
17) Carbon Disulfide	4.730	76	141068	16.518	ug/l	97
18) Methyl Acetate	5.036	43	78859	18.104	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	221384	19.826	ug/l	99
20) Methylene Chloride	5.289	84	80149	20.720	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	67124	18.065	ug/l	97
22) Diisopropyl ether	6.688	45	180820	19.183	ug/l	97
23) Vinyl Acetate	6.618	43	577418	94.784	ug/l	100
24) 1,1-Dichloroethane	6.583	63	118640	18.882	ug/l	96
25) 2-Butanone	7.494	43	178752	91.056	ug/l	95
26) 2,2-Dichloropropane	7.500	77	93390	17.635	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	81397	18.782	ug/l	98
28) Bromochloromethane	7.824	49	49077	19.271	ug/l	97
29) Tetrahydrofuran	7.847	42	117190	96.724	ug/l	99
30) Chloroform	7.971	83	133359	19.182	ug/l	98
31) Cyclohexane	8.265	56	107480	17.450	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	120846	19.039	ug/l	91
36) 1,1-Dichloropropene	8.382	75	92745	17.897	ug/l	99
37) Ethyl Acetate	7.571	43	75830	18.266	ug/l	97
38) Carbon Tetrachloride	8.371	117	103616	17.930	ug/l	94
39) Methylcyclohexane	9.606	83	117517	18.570	ug/l	100
40) Benzene	8.612	78	290593	18.753	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	38969	17.905	ug/l	94
42) 1,2-Dichloroethane	8.677	62	95963	18.100	ug/l	97
43) Isopropyl Acetate	8.694	43	124381	18.394	ug/l	98
44) Trichloroethene	9.359	130	80646	18.401	ug/l	86
45) 1,2-Dichloropropane	9.624	63	67376	18.161	ug/l	97
46) Dibromomethane	9.712	93	51579	18.414	ug/l	98
47) Bromodichloromethane	9.894	83	102637	18.892	ug/l	95
48) Methyl methacrylate	9.682	41	58509	18.277	ug/l	100
49) 1,4-Dioxane	9.700	88	26316	389.588	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	387786	97.690	ug/l	99
52) Toluene	10.635	92	188785	18.218	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	94498	18.246	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	109534	18.384	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	75029	18.942	ug/l	95
56) Ethyl methacrylate	10.876	69	101978	19.942	ug/l	99
57) 1,3-Dichloropropane	11.165	76	119568	18.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	144517	83.713	ug/l	100
59) 2-Hexanone	11.200	43	270969	94.199	ug/l	100
60) Dibromochloromethane	11.365	129	81174	19.468	ug/l	98
61) 1,2-Dibromoethane	11.470	107	75278	19.040	ug/l	100
64) Tetrachloroethene	11.106	164	87494	19.194	ug/l	93
65) Chlorobenzene	11.894	112	201308	18.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	75335	18.949	ug/l	99
67) Ethyl Benzene	11.965	91	358631	19.611	ug/l	100
68) m/p-Xylenes	12.070	106	285202	38.893	ug/l	99
69) o-Xylene	12.400	106	140939	19.571	ug/l	99
70) Styrene	12.412	104	219795	19.115	ug/l	98
71) Bromoform	12.582	173	55117	19.198	ug/l #	100
73) Isopropylbenzene	12.700	105	368333	20.565	ug/l	100
74) N-amyl acetate	12.500	43	100050	19.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	99618	19.348	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	79390m	18.221	ug/l	
77) Bromobenzene	12.982	156	86487	20.321	ug/l	99
78) n-propylbenzene	13.041	91	402143	19.899	ug/l	99
79) 2-Chlorotoluene	13.129	91	243052	19.599	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	306451	20.424	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	24400	17.535	ug/l	93
82) 4-Chlorotoluene	13.129	91	243052	19.599	ug/l	99
83) tert-Butylbenzene	13.441	119	279819	20.968	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	302678	20.117	ug/l	98
85) sec-Butylbenzene	13.617	105	370309	19.997	ug/l	100
86) p-Isopropyltoluene	13.735	119	307388	20.186	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	155586	18.430	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	153857	19.222	ug/l	98
89) n-Butylbenzene	14.059	91	233556	19.321	ug/l	99
90) Hexachloroethane	14.335	117	51354	19.540	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	157817	18.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16756	18.722	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	72911	18.783	ug/l	100
94) Hexachlorobutadiene	15.506	225	39809	17.842	ug/l	96
95) Naphthalene	15.641	128	209834	18.641	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	68678	18.479	ug/l	99

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

