

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076295.D
 Acq On : 18 Jan 2023 13:56
 Operator : JC\MD
 Sample : VN0118MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 00:49:57 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	340380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	543090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	486371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	198489	52.081	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.160%			
35) Dibromofluoromethane	8.171	113	174579	51.388	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	10.571	98	652351	51.995	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.853	95	224445	54.798	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70661	20.258	ug/l	93
3) Chloromethane	2.371	50	67412	18.666	ug/l	94
4) Vinyl Chloride	2.530	62	86800	19.601	ug/l	98
5) Bromomethane	2.959	94	80700	22.253	ug/l	95
6) Chloroethane	3.130	64	64629	19.463	ug/l	96
7) Trichlorofluoromethane	3.512	101	137531	22.575	ug/l	100
8) Diethyl Ether	3.977	74	42615	20.855	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	68058	19.733	ug/l	96
10) Methyl Iodide	4.600	142	102530	19.463	ug/l	100
11) Tert butyl alcohol	5.536	59	57227	112.261	ug/l	99
12) 1,1-Dichloroethene	4.359	96	61477	18.857	ug/l	90
13) Acrolein	4.200	56	78446	128.677	ug/l	100
14) Allyl chloride	5.042	41	71691	18.870	ug/l	98
15) Acrylonitrile	5.736	53	149660	103.168	ug/l	99
16) Acetone	4.442	43	122220	99.993	ug/l	96
17) Carbon Disulfide	4.724	76	144579	17.810	ug/l	96
18) Methyl Acetate	5.036	43	80554	19.455	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	222073	20.923	ug/l	99
20) Methylene Chloride	5.289	84	72453	19.676	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	65773	18.622	ug/l	97
22) Diisopropyl ether	6.683	45	177221	19.780	ug/l	97
23) Vinyl Acetate	6.618	43	692715	119.628	ug/l	99
24) 1,1-Dichloroethane	6.583	63	115659	19.366	ug/l	99
25) 2-Butanone	7.494	43	188213	100.866	ug/l	100
26) 2,2-Dichloropropane	7.506	77	102332	20.330	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	79736	19.356	ug/l	99
28) Bromochloromethane	7.824	49	46308	19.130	ug/l	94
29) Tetrahydrofuran	7.841	42	122517	106.384	ug/l	99
30) Chloroform	7.971	83	129824	19.645	ug/l	95
31) Cyclohexane	8.265	56	108481	18.529	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	116755	19.351	ug/l	90
36) 1,1-Dichloropropene	8.377	75	90979	18.846	ug/l	99
37) Ethyl Acetate	7.571	43	79730	20.613	ug/l	98
38) Carbon Tetrachloride	8.371	117	104252	19.366	ug/l	94
39) Methylcyclohexane	9.606	83	118418	20.087	ug/l	98
40) Benzene	8.612	78	279657	19.374	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	39227	19.349	ug/l	90
42) 1,2-Dichloroethane	8.677	62	97259	19.693	ug/l	99
43) Isopropyl Acetate	8.694	43	130964	20.791	ug/l	98
44) Trichloroethene	9.359	130	77703	19.033	ug/l	98
45) 1,2-Dichloropropane	9.630	63	67271	19.465	ug/l	92
46) Dibromomethane	9.712	93	52496	20.119	ug/l	100
47) Bromodichloromethane	9.894	83	101242	20.005	ug/l	99
48) Methyl methacrylate	9.682	41	58841	19.732	ug/l	97
49) 1,4-Dioxane	9.706	88	28820	458.018	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	391140	105.777	ug/l	100
52) Toluene	10.629	92	185384	19.205	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	101698	21.080	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	112204	20.216	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	74037	20.066	ug/l	98
56) Ethyl methacrylate	10.877	69	103293	21.684	ug/l	100
57) 1,3-Dichloropropane	11.165	76	118711	19.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	158033	98.271	ug/l	99
59) 2-Hexanone	11.200	43	289593	108.073	ug/l	100
60) Dibromochloromethane	11.365	129	79785	20.541	ug/l	97
61) 1,2-Dibromoethane	11.471	107	75939	20.619	ug/l	100
64) Tetrachloroethene	11.106	164	81123	18.495	ug/l	98
65) Chlorobenzene	11.894	112	204931	19.932	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	75042	19.617	ug/l	99
67) Ethyl Benzene	11.965	91	350196	19.902	ug/l	98
68) m/p-Xylenes	12.076	106	285354	40.442	ug/l	97
69) o-Xylene	12.400	106	138229	19.949	ug/l	95
70) Styrene	12.412	104	228319	20.637	ug/l	99
71) Bromoform	12.582	173	57842	20.938	ug/l #	100
73) Isopropylbenzene	12.700	105	361015	19.970	ug/l	100
74) N-amyl acetate	12.500	43	108702	20.904	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	102857	19.792	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	84328m	19.225	ug/l	
77) Bromobenzene	12.982	156	86757	20.192	ug/l	99
78) n-propylbenzene	13.041	91	401814	19.699	ug/l	100
79) 2-Chlorotoluene	13.129	91	242971	19.411	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	304788	20.125	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28145	20.039	ug/l	86
82) 4-Chlorotoluene	13.129	91	242971	19.411	ug/l	99
83) tert-Butylbenzene	13.441	119	278073	20.644	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	305581	20.122	ug/l	99
85) sec-Butylbenzene	13.618	105	373566	19.987	ug/l	100
86) p-Isopropyltoluene	13.735	119	314879	20.487	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	159414	18.709	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	160802	19.900	ug/l	99
89) n-Butylbenzene	14.059	91	243090	19.924	ug/l	98
90) Hexachloroethane	14.335	117	52414	19.759	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	157689	18.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19391	21.465	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	77537	19.720	ug/l	99
94) Hexachlorobutadiene	15.506	225	41051	18.228	ug/l	94
95) Naphthalene	15.641	128	240302	20.902	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	74513	19.777	ug/l	99

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

