

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076479.D
 Acq On : 31 Jan 2023 11:47
 Operator : JC\MD
 Sample : VN0131MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2023
 Supervised By : Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 00:45:54 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	342625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	571144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	235627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	224857	58.613	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.220%			
35) Dibromofluoromethane	8.177	113	184275	51.578	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.160%			
50) Toluene-d8	10.571	98	652961	49.487	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.980%			
62) 4-Bromofluorobenzene	12.853	95	227950	52.920	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61553	17.531	ug/l	88
3) Chloromethane	2.377	50	81981	22.552	ug/l	96
4) Vinyl Chloride	2.530	62	85300	19.136	ug/l	95
5) Bromomethane	2.971	94	60064	16.454	ug/l	95
6) Chloroethane	3.136	64	55996	16.753	ug/l	99
7) Trichlorofluoromethane	3.512	101	112472	18.340	ug/l	90
8) Diethyl Ether	3.977	74	43533	21.164	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	64251	18.508	ug/l	96
10) Methyl Iodide	4.600	142	97903	18.462	ug/l	98
11) Tert butyl alcohol	5.530	59	51729	100.810	ug/l	99
12) 1,1-Dichloroethene	4.359	96	56459	17.204	ug/l	90
13) Acrolein	4.195	56	54219	88.354	ug/l	99
14) Allyl chloride	5.042	41	76202	19.925	ug/l	95
15) Acrylonitrile	5.736	53	156691	107.307	ug/l	99
16) Acetone	4.442	43	135666	110.274	ug/l	99
17) Carbon Disulfide	4.730	76	123880	15.160	ug/l	99
18) Methyl Acetate	5.048	43	90257	21.656	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	232516	21.764	ug/l	96
20) Methylene Chloride	5.289	84	74971	20.243	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	63896	17.972	ug/l	96
22) Diisopropyl ether	6.683	45	200770	22.261	ug/l	98
23) Vinyl Acetate	6.612	43	666250	114.304	ug/l	98
24) 1,1-Dichloroethane	6.583	63	122221	20.331	ug/l	100
25) 2-Butanone	7.489	43	195774	104.230	ug/l	94
26) 2,2-Dichloropropane	7.500	77	101324	19.998	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	81184	19.579	ug/l	95
28) Bromochloromethane	7.818	49	62691	25.728	ug/l	97
29) Tetrahydrofuran	7.847	42	120800	104.205	ug/l	99
30) Chloroform	7.971	83	137903	20.731	ug/l	98
31) Cyclohexane	8.259	56	100789	17.103	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	120772	19.886	ug/l	98
36) 1,1-Dichloropropene	8.377	75	90356	17.798	ug/l	98
37) Ethyl Acetate	7.571	43	84423	20.754	ug/l	97
38) Carbon Tetrachloride	8.371	117	106458	18.804	ug/l	99
39) Methylcyclohexane	9.606	83	103923	16.763	ug/l	97
40) Benzene	8.612	78	283310	18.663	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	45082	21.144	ug/l	97
42) 1,2-Dichloroethane	8.677	62	110909	21.354	ug/l	99
43) Isopropyl Acetate	8.694	43	136928	20.670	ug/l	99
44) Trichloroethene	9.353	130	75016	17.472	ug/l	97
45) 1,2-Dichloropropane	9.624	63	73202	20.141	ug/l	100
46) Dibromomethane	9.712	93	56083	20.438	ug/l	97
47) Bromodichloromethane	9.888	83	113812	21.384	ug/l	94
48) Methyl methacrylate	9.683	41	66718	21.274	ug/l	96
49) 1,4-Dioxane	9.694	88	25280	382.025	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	418585	107.639	ug/l	100
52) Toluene	10.635	92	190676	18.783	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	108776	21.440	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	118647	20.327	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	79676	20.533	ug/l	98
56) Ethyl methacrylate	10.877	69	108230	21.605	ug/l	97
57) 1,3-Dichloropropane	11.165	76	131820	20.904	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	139703	82.606	ug/l	99
59) 2-Hexanone	11.200	43	297747	105.658	ug/l	98
60) Dibromochloromethane	11.359	129	87996	21.543	ug/l	99
61) 1,2-Dibromoethane	11.471	107	79280	20.469	ug/l	99
64) Tetrachloroethene	11.106	164	78389	16.891	ug/l	96
65) Chlorobenzene	11.894	112	202604	18.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	81225	20.069	ug/l	100
67) Ethyl Benzene	11.965	91	355298	19.084	ug/l	100
68) m/p-Xylenes	12.076	106	277912	37.226	ug/l	97
69) o-Xylene	12.400	106	137612	18.770	ug/l	96
70) Styrene	12.412	104	226912	19.384	ug/l	99
71) Bromoform	12.582	173	58650	20.066	ug/l #	98
73) Isopropylbenzene	12.694	105	358271	19.655	ug/l	99
74) N-amyl acetate	12.494	43	111923	21.346	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	109026	20.806	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	84151m	19.017	ug/l	
77) Bromobenzene	12.982	156	84857	19.570	ug/l	91
78) n-propylbenzene	13.041	91	400309	19.463	ug/l	98
79) 2-Chlorotoluene	13.129	91	249926	19.802	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	303640	19.884	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	28095	19.839	ug/l	93
82) 4-Chlorotoluene	13.129	91	249926	19.802	ug/l	98
83) tert-Butylbenzene	13.441	119	275190	20.261	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	303718	19.835	ug/l	97
85) sec-Butylbenzene	13.618	105	362877	19.255	ug/l	100
86) p-Isopropyltoluene	13.735	119	301688	19.467	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	155625	18.114	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	153727	18.873	ug/l	98
89) n-Butylbenzene	14.059	91	236720	19.242	ug/l	99
90) Hexachloroethane	14.335	117	51068	19.093	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	154624	18.070	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18989	20.847	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	72174	18.305	ug/l	99
94) Hexachlorobutadiene	15.506	225	39900	17.571	ug/l	99
95) Naphthalene	15.647	128	212331	18.545	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	70748	18.690	ug/l	98

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

