

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080551.D
 Acq On : 20 Dec 2023 16:54
 Operator : JC\MD
 Sample : VN1220MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2023
 Supervised By : Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:45:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	269819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	453144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	392706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	197858	57.413	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.820%			
35) Dibromofluoromethane	8.165	113	150017	52.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.420%			
50) Toluene-d8	10.565	98	561471	52.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.853	95	195288	47.996	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64703	18.765	ug/l	98
3) Chloromethane	2.359	50	55363	15.062	ug/l	93
4) Vinyl Chloride	2.512	62	47913	16.271	ug/l	95
5) Bromomethane	2.959	94	23873	17.982	ug/l	96
6) Chloroethane	3.118	64	32993	17.436	ug/l	95
7) Trichlorofluoromethane	3.495	101	110153	18.443	ug/l	94
8) Diethyl Ether	3.953	74	33701	17.914	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	53317	18.834	ug/l	96
10) Methyl Iodide	4.595	142	35116	14.103	ug/l #	88
11) Tert butyl alcohol	5.506	59	41211	101.538	ug/l	99
12) 1,1-Dichloroethene	4.342	96	50724	17.487	ug/l	88
13) Acrolein	4.171	56	49071	110.400	ug/l	99
14) Allyl chloride	5.018	41	64574	17.993	ug/l	98
15) Acrylonitrile	5.718	53	121049	105.554	ug/l	98
16) Acetone	4.418	43	93410	152.868	ug/l	98
17) Carbon Disulfide	4.706	76	129738	15.783	ug/l #	94
18) Methyl Acetate	5.024	43	91710	23.325	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	185649	19.184	ug/l	99
20) Methylene Chloride	5.271	84	62247	19.035	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	55356	17.600	ug/l	88
22) Diisopropyl ether	6.671	45	155135	20.029	ug/l	91
23) Vinyl Acetate	6.600	43	411048	92.399	ug/l	96
24) 1,1-Dichloroethane	6.565	63	102436	18.955	ug/l	98
25) 2-Butanone	7.483	43	135745	115.318	ug/l	91
26) 2,2-Dichloropropane	7.488	77	100274	18.146	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	68896	19.352	ug/l	92
28) Bromochloromethane	7.812	49	44214	21.309	ug/l	96
29) Tetrahydrofuran	7.835	42	84501	100.247	ug/l	94
30) Chloroform	7.965	83	117595	19.604	ug/l	96
31) Cyclohexane	8.259	56	78485	16.747	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	111157	18.926	ug/l	97
36) 1,1-Dichloropropene	8.371	75	80972	17.236	ug/l	95
37) Ethyl Acetate	7.553	43	55723	18.942	ug/l #	93
38) Carbon Tetrachloride	8.365	117	97413	17.354	ug/l	98
39) Methylcyclohexane	9.600	83	78395	16.064	ug/l	93
40) Benzene	8.606	78	237089	17.477	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32866	19.379	ug/l	94
42) 1,2-Dichloroethane	8.665	62	94248	18.762	ug/l	98
43) Isopropyl Acetate	8.688	43	92492	17.487	ug/l	96
44) Trichloroethene	9.353	130	63155	17.269	ug/l	94
45) 1,2-Dichloropropane	9.624	63	58277	18.291	ug/l	96
46) Dibromomethane	9.706	93	42419	18.539	ug/l	90
47) Bromodichloromethane	9.888	83	93138	18.993	ug/l	97
48) Methyl methacrylate	9.682	41	58490	18.530	ug/l	87
49) 1,4-Dioxane	9.694	88	17436	364.443	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	280968	96.452	ug/l	99
52) Toluene	10.629	92	155076	18.096	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	93767	17.673	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	98167	17.311	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	58752	19.053	ug/l	93
56) Ethyl methacrylate	10.871	69	59215	17.345	ug/l	91
57) 1,3-Dichloropropane	11.165	76	102719	19.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	192539	89.336	ug/l	98
59) 2-Hexanone	11.194	43	210891	98.064	ug/l	97
60) Dibromochloromethane	11.365	129	67808	18.558	ug/l	98
61) 1,2-Dibromoethane	11.471	107	60243	18.877	ug/l	94
64) Tetrachloroethene	11.106	164	53266	17.568	ug/l	96
65) Chlorobenzene	11.894	112	161568	18.495	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	64587	18.842	ug/l	94
67) Ethyl Benzene	11.965	91	284655	17.721	ug/l	99
68) m/p-Xylenes	12.070	106	216739	36.515	ug/l	92
69) o-Xylene	12.400	106	104186	17.945	ug/l	90
70) Styrene	12.412	104	154685	18.497	ug/l	95
71) Bromoform	12.576	173	44956	17.985	ug/l #	100
73) Isopropylbenzene	12.694	105	257020	17.633	ug/l	98
74) N-amyl acetate	12.494	43	78300	18.395	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	72567	18.578	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	67214m	18.568	ug/l	
77) Bromobenzene	12.982	156	62465	17.420	ug/l	98
78) n-propylbenzene	13.035	91	288868	17.974	ug/l	98
79) 2-Chlorotoluene	13.129	91	186180	17.744	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	219037	17.448	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21920	15.899	ug/l #	79
82) 4-Chlorotoluene	13.223	91	190001	17.617	ug/l	97
83) tert-Butylbenzene	13.441	119	181737	17.676	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	224496	17.975	ug/l	97
85) sec-Butylbenzene	13.617	105	226430	17.217	ug/l	98
86) p-Isopropyltoluene	13.729	119	201044	16.930	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	110800	17.538	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	110359	17.305	ug/l	96
89) n-Butylbenzene	14.059	91	168349	16.976	ug/l	99
90) Hexachloroethane	14.335	117	34351	18.214	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	109671	18.281	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16151	19.658	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	57751	17.338	ug/l	95
94) Hexachlorobutadiene	15.500	225	29634	15.627	ug/l	100
95) Naphthalene	15.641	128	181760	17.970	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	56916	17.707	ug/l	96

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

