

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075973.D
 Acq On : 23 Dec 2022 17:58
 Operator : JC\MD
 Sample : VN1223MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 26 04:36:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	297943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	492241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	433264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170955	52.742	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.480%			
35) Dibromofluoromethane	8.177	113	155336	50.957	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	10.571	98	565943	49.655	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.853	95	186389	49.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	34520	16.318	ug/l	93
3) Chloromethane	2.377	50	45744	17.389	ug/l	98
4) Vinyl Chloride	2.530	62	55826	17.791	ug/l	90
5) Bromomethane	2.965	94	46139	17.301	ug/l	99
6) Chloroethane	3.136	64	41753	17.968	ug/l	99
7) Trichlorofluoromethane	3.512	101	80727	16.954	ug/l	98
8) Diethyl Ether	3.977	74	33448	19.233	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	46713	17.181	ug/l	96
10) Methyl Iodide	4.606	142	76684	17.379	ug/l	99
11) Tert butyl alcohol	5.536	59	46205	100.742	ug/l #	87
12) 1,1-Dichloroethene	4.353	96	44575	16.880	ug/l	98
13) Acrolein	4.200	56	47026	83.634	ug/l	97
14) Allyl chloride	5.047	41	59242m	19.192	ug/l	
15) Acrylonitrile	5.730	53	127077	101.530	ug/l	99
16) Acetone	4.447	43	97346	87.122	ug/l	91
17) Carbon Disulfide	4.730	76	93141	14.568	ug/l #	95
18) Methyl Acetate	5.041	43	67543	20.450	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	172439	19.830	ug/l	94
20) Methylene Chloride	5.294	84	56947	18.651	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	50283	17.387	ug/l	97
22) Diisopropyl ether	6.683	45	149584	19.948	ug/l	99
23) Vinyl Acetate	6.618	43	498853	98.836	ug/l	99
24) 1,1-Dichloroethane	6.583	63	92172	18.430	ug/l	98
25) 2-Butanone	7.494	43	155926	99.665	ug/l	89
26) 2,2-Dichloropropane	7.500	77	68698	16.221	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	64102	18.534	ug/l	98
28) Bromochloromethane	7.824	49	41825	19.081	ug/l	100
29) Tetrahydrofuran	7.847	42	102983	105.039	ug/l	99
30) Chloroform	7.977	83	106843	18.975	ug/l	98
31) Cyclohexane	8.265	56	73288	15.787	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	92548	18.539	ug/l	98
36) 1,1-Dichloropropene	8.382	75	68984	17.035	ug/l	99
37) Ethyl Acetate	7.565	43	65404	20.108	ug/l	97
38) Carbon Tetrachloride	8.365	117	80783	17.824	ug/l	98
39) Methylcyclohexane	9.606	83	77618	15.888	ug/l	98
40) Benzene	8.612	78	222502	17.809	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	33458	19.789	ug/l	94
42) 1,2-Dichloroethane	8.677	62	78111	18.805	ug/l	100
43) Isopropyl Acetate	8.694	43	123406	23.000	ug/l	94
44) Trichloroethene	9.359	130	59882	17.013	ug/l	93
45) 1,2-Dichloropropane	9.624	63	54759	18.011	ug/l	98
46) Dibromomethane	9.712	93	41729	18.505	ug/l	98
47) Bromodichloromethane	9.894	83	82332	18.618	ug/l #	96
48) Methyl methacrylate	9.682	41	50423	20.865	ug/l	98
49) 1,4-Dioxane	9.700	88	22320	375.688	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	343031	105.714	ug/l	99
52) Toluene	10.635	92	147120	18.080	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	77937	18.004	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	87533	18.417	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	61750	19.334	ug/l	99
56) Ethyl methacrylate	10.876	69	85254	20.096	ug/l	97
57) 1,3-Dichloropropane	11.165	76	99054	18.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	131399	97.285	ug/l	100
59) 2-Hexanone	11.200	43	248103	104.844	ug/l	99
60) Dibromochloromethane	11.365	129	66706	18.781	ug/l	97
61) 1,2-Dibromoethane	11.470	107	62547	19.352	ug/l	97
64) Tetrachloroethene	11.106	164	51493	16.890	ug/l	98
65) Chlorobenzene	11.894	112	158429	17.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	62072	18.845	ug/l	97
67) Ethyl Benzene	11.970	91	271119	18.064	ug/l	100
68) m/p-Xylenes	12.076	106	216265	36.406	ug/l	99
69) o-Xylene	12.406	106	109875	18.691	ug/l	98
70) Styrene	12.412	104	175369	18.762	ug/l	98
71) Bromoform	12.582	173	47106	19.654	ug/l #	98
73) Isopropylbenzene	12.700	105	280250	19.259	ug/l	99
74) N-amyl acetate	12.500	43	90610	21.225	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	89625	19.924	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	77843m	19.178	ug/l	
77) Bromobenzene	12.982	156	69483	18.868	ug/l	99
78) n-propylbenzene	13.041	91	299260	18.646	ug/l	99
79) 2-Chlorotoluene	13.129	91	188579	18.823	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	231829	19.035	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21981	19.492	ug/l #	87
82) 4-Chlorotoluene	13.129	91	188579	18.823	ug/l	99
83) tert-Butylbenzene	13.441	119	211039	19.654	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	236207	19.550	ug/l	99
85) sec-Butylbenzene	13.623	105	275111	18.562	ug/l	99
86) p-Isopropyltoluene	13.735	119	230066	18.656	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	123053	18.089	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	122639	17.648	ug/l	97
89) n-Butylbenzene	14.059	91	170584	17.074	ug/l	100
90) Hexachloroethane	14.335	117	41339	18.740	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	126358	18.858	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15018	18.815	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	54149	16.323	ug/l	99
94) Hexachlorobutadiene	15.506	225	28805	15.916	ug/l	97
95) Naphthalene	15.647	128	170358	17.046	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	54145	17.463	ug/l	98

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

