

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080244.D
 Acq On : 22 Nov 2023 13:42
 Operator : JC\MD
 Sample : VN1122MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Quant Time: Nov 23 00:19:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	226287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	359192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	325397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	189598	50.744	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.480%			
35) Dibromofluoromethane	8.165	113	134369	50.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	10.571	98	481853	50.435	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.860%			
62) 4-Bromofluorobenzene	12.853	95	178607	49.493	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	59710	17.714	ug/l	99
3) Chloromethane	2.359	50	39744	15.683	ug/l	93
4) Vinyl Chloride	2.512	62	44418	16.562	ug/l	98
5) Bromomethane	2.953	94	31211	17.143	ug/l	94
6) Chloroethane	3.124	64	31086	17.634	ug/l	99
7) Trichlorofluoromethane	3.500	101	100662	17.993	ug/l	99
8) Diethyl Ether	3.959	74	27789	17.080	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.383	101	45298	17.715	ug/l	93
10) Methyl Iodide	4.589	142	46720	16.906	ug/l #	79
11) Tert butyl alcohol	5.524	59	37323	90.836	ug/l	98
12) 1,1-Dichloroethene	4.342	96	41853	17.499	ug/l #	77
13) Acrolein	4.183	56	32940	90.588	ug/l	97
14) Allyl chloride	5.030	41	53893	17.910	ug/l	94
15) Acrylonitrile	5.718	53	102259	92.707	ug/l	98
16) Acetone	4.424	43	93508	74.511	ug/l	94
17) Carbon Disulfide	4.712	76	108763	15.230	ug/l	98
18) Methyl Acetate	5.030	43	72493	17.979	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	153768	18.205	ug/l	98
20) Methylene Chloride	5.277	84	51538	19.611	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	45498	17.316	ug/l	85
22) Diisopropyl ether	6.671	45	122444	18.392	ug/l	95
23) Vinyl Acetate	6.606	43	350534	87.581	ug/l	96
24) 1,1-Dichloroethane	6.571	63	86109	17.759	ug/l	98
25) 2-Butanone	7.488	43	123056	82.531	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	84952	17.659	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	51804	17.390	ug/l	85
28) Bromochloromethane	7.812	49	39606	20.777	ug/l	97
29) Tetrahydrofuran	7.841	42	77345	96.621	ug/l	92
30) Chloroform	7.971	83	102819	18.972	ug/l	96
31) Cyclohexane	8.259	56	64671	15.916	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	100026	18.925	ug/l	98
36) 1,1-Dichloropropene	8.377	75	67631	17.625	ug/l	96
37) Ethyl Acetate	7.559	43	50526	18.983	ug/l	97
38) Carbon Tetrachloride	8.365	117	93476	19.196	ug/l	97
39) Methylcyclohexane	9.600	83	62418	16.870	ug/l	93
40) Benzene	8.612	78	198484	18.200	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28655	19.604	ug/l	91
42) 1,2-Dichloroethane	8.677	62	86848	19.465	ug/l	95
43) Isopropyl Acetate	8.688	43	90939	17.558	ug/l	95
44) Trichloroethene	9.353	130	49974	17.469	ug/l	95
45) 1,2-Dichloropropane	9.624	63	46057	18.173	ug/l	95
46) Dibromomethane	9.712	93	36464	19.007	ug/l	91
47) Bromodichloromethane	9.888	83	81363	19.280	ug/l	95
48) Methyl methacrylate	9.682	41	49862	18.681	ug/l	93
49) 1,4-Dioxane	9.700	88	17740	399.506	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	261074	97.360	ug/l	97
52) Toluene	10.635	92	126636	18.555	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	80021	18.456	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	85455	19.291	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	50727	19.473	ug/l	96
56) Ethyl methacrylate	10.876	69	50941	19.142	ug/l	92
57) 1,3-Dichloropropane	11.165	76	85735	18.851	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	151680	101.173	ug/l	100
59) 2-Hexanone	11.200	43	196719	91.295	ug/l	95
60) Dibromochloromethane	11.365	129	60095	19.270	ug/l	99
61) 1,2-Dibromoethane	11.476	107	49779	18.732	ug/l	98
64) Tetrachloroethene	11.106	164	42808	17.238	ug/l	91
65) Chlorobenzene	11.894	112	130678	17.723	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	56381	19.705	ug/l	95
67) Ethyl Benzene	11.965	91	233843	17.823	ug/l	97
68) m/p-Xylenes	12.070	106	177432	37.090	ug/l	88
69) o-Xylene	12.400	106	82528	18.306	ug/l	86
70) Styrene	12.412	104	129560	19.308	ug/l	95
71) Bromoform	12.582	173	42061	19.822	ug/l #	100
73) Isopropylbenzene	12.700	105	221990	17.592	ug/l	99
74) N-amyl acetate	12.500	43	69234	17.594	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	70140	18.571	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	69811m	17.546	ug/l	
77) Bromobenzene	12.982	156	57567	18.094	ug/l	99
78) n-propylbenzene	13.035	91	250852	17.777	ug/l	98
79) 2-Chlorotoluene	13.129	91	160473	17.510	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	197076	17.941	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	20234	17.182	ug/l #	76
82) 4-Chlorotoluene	13.223	91	167768	17.869	ug/l	96
83) tert-Butylbenzene	13.441	119	151836	17.237	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	194724	18.003	ug/l	98
85) sec-Butylbenzene	13.617	105	198639	17.826	ug/l	100
86) p-Isopropyltoluene	13.735	119	179248	18.007	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	97910	17.081	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	100320	17.416	ug/l	97
89) n-Butylbenzene	14.059	91	135978	16.320	ug/l	99
90) Hexachloroethane	14.335	117	33783	17.408	ug/l	69
91) 1,2-Dichlorobenzene	14.111	146	95931	17.489	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15477	17.643	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	49462	15.504	ug/l	99
94) Hexachlorobutadiene	15.506	225	26839	14.619	ug/l	97
95) Naphthalene	15.647	128	133152	14.393	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	48052	16.070	ug/l	100

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

