

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080154.D
 Acq On : 17 Nov 2023 11:42
 Operator : JC\MD
 Sample : VN1117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 02:24:39 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	255520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	364401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201979	47.873	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.740%		
35) Dibromofluoromethane	8.171	113	145216	49.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.720%		
50) Toluene-d8	10.571	98	543377	51.241	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.480%		
62) 4-Bromofluorobenzene	12.853	95	201904	50.407	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67689	17.784	ug/l	93
3) Chloromethane	2.359	50	50606	17.685	ug/l	95
4) Vinyl Chloride	2.512	62	56311	18.595	ug/l	98
5) Bromomethane	2.953	94	37203	18.096	ug/l	96
6) Chloroethane	3.118	64	35924	18.080	ug/l	94
7) Trichlorofluoromethane	3.495	101	113458	17.960	ug/l	99
8) Diethyl Ether	3.959	74	32683	17.789	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	52482	18.176	ug/l	96
10) Methyl Iodide	4.595	142	57132	18.309	ug/l #	88
11) Tert butyl alcohol	5.518	59	42396	91.378	ug/l	96
12) 1,1-Dichloroethene	4.342	96	48267	17.872	ug/l #	78
13) Acrolein	4.177	56	43138	105.061	ug/l	98
14) Allyl chloride	5.024	41	61863	18.207	ug/l	95
15) Acrylonitrile	5.724	53	120301	96.587	ug/l	99
16) Acetone	4.424	43	110989	78.323	ug/l	92
17) Carbon Disulfide	4.712	76	139624	17.315	ug/l	98
18) Methyl Acetate	5.024	43	80923	17.773	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	176739	18.531	ug/l	99
20) Methylene Chloride	5.277	84	57358	19.328	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	54457	18.355	ug/l	82
22) Diisopropyl ether	6.671	45	148180	19.711	ug/l	94
23) Vinyl Acetate	6.606	43	429171	94.961	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	101867	18.605	ug/l #	94
25) 2-Butanone	7.488	43	146581	87.061	ug/l	89
26) 2,2-Dichloropropane	7.494	77	97483	17.946	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	62937	18.710	ug/l	88
28) Bromochloromethane	7.818	49	45193	20.995	ug/l	96
29) Tetrahydrofuran	7.841	42	91874	101.641	ug/l	91
30) Chloroform	7.965	83	117774	19.245	ug/l	93
31) Cyclohexane	8.259	56	81118	17.679	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	109875	18.410	ug/l	98
36) 1,1-Dichloropropene	8.371	75	81152	19.054	ug/l	96
37) Ethyl Acetate	7.565	43	58196	19.699	ug/l	99
38) Carbon Tetrachloride	8.365	117	101545	18.788	ug/l	96
39) Methylcyclohexane	9.600	83	76073	18.524	ug/l	91
40) Benzene	8.612	78	234674	19.387	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33060	20.377	ug/l	92
42) 1,2-Dichloroethane	8.671	62	97521	19.692	ug/l	95
43) Isopropyl Acetate	8.688	43	98669	17.163	ug/l	96
44) Trichloroethene	9.359	130	59131	18.623	ug/l	98
45) 1,2-Dichloropropane	9.624	63	55836	19.849	ug/l	98
46) Dibromomethane	9.712	93	42158	19.798	ug/l	92
47) Bromodichloromethane	9.894	83	92004	19.642	ug/l	96
48) Methyl methacrylate	9.682	41	59436	20.062	ug/l	89
49) 1,4-Dioxane	9.694	88	20030	406.398	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	303107	101.839	ug/l	98
52) Toluene	10.635	92	150283	19.838	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	91322	18.976	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	97069	19.743	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	57948	20.042	ug/l	98
56) Ethyl methacrylate	10.877	69	60109	20.350	ug/l	93
57) 1,3-Dichloropropane	11.165	76	100075	19.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	182770	109.835	ug/l	97
59) 2-Hexanone	11.200	43	228449	95.519	ug/l	95
60) Dibromochloromethane	11.365	129	66836	19.308	ug/l	99
61) 1,2-Dibromoethane	11.471	107	55954	18.970	ug/l	99
64) Tetrachloroethene	11.106	164	61144	21.986	ug/l	94
65) Chlorobenzene	11.894	112	154553	18.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	64599	20.160	ug/l	95
67) Ethyl Benzene	11.965	91	276547	18.822	ug/l	96
68) m/p-Xylenes	12.076	106	207528	38.738	ug/l	89
69) o-Xylene	12.400	106	97969	19.405	ug/l	89
70) Styrene	12.412	104	148774	19.798	ug/l	94
71) Bromoform	12.582	173	46091	19.397	ug/l #	99
73) Isopropylbenzene	12.700	105	261271	18.598	ug/l	98
74) N-amyl acetate	12.494	43	77601	17.714	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	76963	18.305	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	86764m	19.588	ug/l	
77) Bromobenzene	12.982	156	65212	18.412	ug/l	98
78) n-propylbenzene	13.041	91	292228	18.603	ug/l	98
79) 2-Chlorotoluene	13.129	91	192725	18.889	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	228397	18.677	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	26919	20.533	ug/l	91
82) 4-Chlorotoluene	13.223	91	194678	18.625	ug/l	97
83) tert-Butylbenzene	13.441	119	175626	17.909	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	228496	18.976	ug/l	97
85) sec-Butylbenzene	13.618	105	229788	18.523	ug/l	99
86) p-Isopropyltoluene	13.735	119	209551	18.909	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	116205	18.211	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	116324	18.139	ug/l	97
89) n-Butylbenzene	14.059	91	164897	17.778	ug/l	100
90) Hexachloroethane	14.335	117	39299	18.190	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	111224	18.214	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17833	18.260	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	55014	15.490	ug/l	98
94) Hexachlorobutadiene	15.506	225	31491	15.408	ug/l	98
95) Naphthalene	15.647	128	153607	14.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	52843	15.874	ug/l	96

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

