

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066468.D
 Acq On : 2 Apr 2021 15:24
 Operator : JC/MD
 Sample : VN0402MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 11:14:47 AM

Quant Time: Apr 03 03:21:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	415468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	642847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	558296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	239323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	255952	46.34	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.68%		
35) Dibromofluoromethane	7.504	113	203178	47.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.36%		
50) Toluene-d8	10.025	98	738859	45.71	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.42%#		
62) 4-Bromofluorobenzene	12.345	95	224226	39.94	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.88%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	87923	16.80	ug/l	99
3) Chloromethane	2.017	50	98893	17.20	ug/l	100
4) Vinyl Chloride	2.145	62	118650	19.81	ug/l	98
5) Bromomethane	2.510	94	84154	20.95	ug/l	99
6) Chloroethane	2.650	64	78363	20.99	ug/l	100
7) Trichlorofluoromethane	2.961	101	166200	20.18	ug/l	99
8) Diethyl Ether	3.342	74	67848	20.22	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.677	101	95297	20.49	ug/l	96
10) Methyl Iodide	3.865	142	122799	18.61	ug/l	99
11) Tert butyl alcohol	4.712	59	98796	117.29	ug/l #	83
12) 1,1-Dichloroethene	3.655	96	93031	19.54	ug/l	98
13) Acrolein	3.527	56	37599	59.37	ug/l	99
14) Allyl chloride	4.221	41	202813	21.54	ug/l	98
15) Acrylonitrile	4.876	53	224385	95.52	ug/l	98
16) Acetone	3.736	43	357981	119.97	ug/l	100
17) Carbon Disulfide	3.961	76	274487	19.52	ug/l	100
18) Methyl Acetate	4.235	43	195295	25.06	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	241528	17.11	ug/l	100
20) Methylene Chloride	4.447	84	117711	21.74	ug/l	97
21) trans-1,2-Dichloroethene	4.924	96	74372	17.23	ug/l	99
22) Diisopropyl ether	5.857	45	256358	17.45	ug/l	97
23) Vinyl Acetate	5.793	43	1069191	85.48	ug/l	99
24) 1,1-Dichloroethane	5.739	63	144560	17.82	ug/l	99
25) 2-Butanone	6.745	43	316782	97.12	ug/l	98
26) 2,2-Dichloropropane	6.718	77	128245	17.74	ug/l	98
27) cis-1,2-Dichloroethene	6.724	96	87159	17.30	ug/l	97
28) Bromochloromethane	7.099	49	78845	19.28	ug/l	99
29) Tetrahydrofuran	7.123	42	200198	94.06	ug/l	99
30) Chloroform	7.281	83	150594	18.58	ug/l	98
31) Cyclohexane	7.566	56	125406	16.41	ug/l	99
32) 1,1,1-Trichloroethane	7.477	97	129573	18.19	ug/l	99
36) 1,1-Dichloropropene	7.708	75	104117	17.24	ug/l	99
37) Ethyl Acetate	6.842	43	129703	19.51	ug/l #	87
38) Carbon Tetrachloride	7.684	117	108272	17.83	ug/l	100
39) Methylcyclohexane	9.006	83	120450	16.36	ug/l	98
40) Benzene	7.960	78	338764	18.57	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.078	41	55434	16.81	ug/l	95
42) 1,2-Dichloroethane	8.043	62	117697	18.01	ug/l	100
43) Isopropyl Acetate	8.091	43	207980	18.31	ug/l	99
44) Trichloroethene	8.762	130	85487	17.82	ug/l	99
45) 1,2-Dichloropropane	9.046	63	90424	18.61	ug/l	100
46) Dibromomethane	9.135	93	58415	18.34	ug/l	99
47) Bromodichloromethane	9.333	83	118649	18.04	ug/l	97
48) Methyl methacrylate	9.135	41	91934	17.01	ug/l	96
49) 1,4-Dioxane	9.137	88	25707	378.35	ug/l	97
51) 4-Methyl-2-Pentanone	9.920	43	643338	96.89	ug/l	99
52) Toluene	10.092	92	198156	17.70	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	120767	16.90	ug/l	97
54) cis-1,3-Dichloropropene	9.773	75	133894	17.45	ug/l	94
55) 1,1,2-Trichloroethane	10.500	97	83827	18.62	ug/l	99
56) Ethyl methacrylate	10.371	69	113775	16.48	ug/l	96
57) 1,3-Dichloropropane	10.647	76	136677	18.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	46921	81.02	ug/l	99
59) 2-Hexanone	10.693	43	433403	93.17	ug/l	99
60) Dibromochloromethane	10.843	129	89873	17.98	ug/l	100
61) 1,2-Dibromoethane	10.945	107	82530	17.58	ug/l	99
64) Tetrachloroethene	10.569	164	84352	17.75	ug/l	98
65) Chlorobenzene	11.374	112	201840	18.14	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	80608	18.81	ug/l	99
67) Ethyl Benzene	11.452	91	345941	17.12	ug/l	99
68) m/p-Xylenes	11.562	106	258052	33.61	ug/l	99
69) o-Xylene	11.889	106	119933	16.19	ug/l	99
70) Styrene	11.905	104	195681	16.29	ug/l	99
71) Bromoform	12.069	173	61855	17.35	ug/l #	98
73) Isopropylbenzene	12.192	105	320144	17.98	ug/l	100
74) N-amyl acetate	12.018	43	83027	14.30	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.450	83	115755	20.42	ug/l	93
76) 1,2,3-Trichloropropane	12.498	75	98835m	18.82	ug/l	
77) Bromobenzene	12.468	156	82506	18.35	ug/l	97
78) n-propylbenzene	12.535	91	345884	17.87	ug/l	99
79) 2-Chlorotoluene	12.618	91	210600	17.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	252839	17.37	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	28252	16.18	ug/l	97
82) 4-Chlorotoluene	12.715	91	212353	17.93	ug/l	99
83) tert-Butylbenzene	12.935	119	214129	17.08	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	242163	17.12	ug/l	99
85) sec-Butylbenzene	13.115	105	280494	17.27	ug/l	99
86) p-Isopropyltoluene	13.233	119	243602	16.75	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	130499	17.30	ug/l	100
88) 1,4-Dichlorobenzene	13.308	146	130100	16.61	ug/l	98
89) n-Butylbenzene	13.560	91	191268	15.92	ug/l	96
90) Hexachloroethane	13.815	117	46181	17.61	ug/l	97
91) 1,2-Dichlorobenzene	13.597	146	131301	17.70	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.236	75	17929	16.49	ug/l	99
93) 1,2,4-Trichlorobenzene	14.981	180	75353	16.39	ug/l	100
94) Hexachlorobutadiene	15.105	225	44854	17.88	ug/l	100
95) Naphthalene	15.263	128	217664	16.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.502	180	75533	16.34	ug/l	98

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

