

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066470.D
 Acq On : 2 Apr 2021 16:17
 Operator : JC/MD
 Sample : VN0402MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402MBS02

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 11:14:59 AM

Quant Time: Apr 03 03:23:19 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	342611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	521754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	490375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	234718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	207901	45.65	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.30%		
35) Dibromofluoromethane	7.504	113	163260	47.20	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.40%		
50) Toluene-d8	10.025	98	621115	47.34	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.68%		
62) 4-Bromofluorobenzene	12.342	95	212294	46.59	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.18%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	82376	19.09	ug/l	98
3) Chloromethane	2.017	50	93437	19.86	ug/l	99
4) Vinyl Chloride	2.143	62	104526	21.16	ug/l	99
5) Bromomethane	2.510	94	73447	22.17	ug/l	96
6) Chloroethane	2.647	64	67659	21.98	ug/l	100
7) Trichlorofluoromethane	2.958	101	144809	21.32	ug/l	99
8) Diethyl Ether	3.339	74	58345	21.09	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.674	101	82250	21.45	ug/l	97
10) Methyl Iodide	3.865	142	112586	20.69	ug/l	97
11) Tert butyl alcohol	4.712	59	71149	102.43	ug/l #	84
12) 1,1-Dichloroethene	3.655	96	81936	20.87	ug/l	99
13) Acrolein	3.529	56	25111	40.13	ug/l	97
14) Allyl chloride	4.221	41	170911	22.01	ug/l	98
15) Acrylonitrile	4.876	53	197761	102.09	ug/l	99
16) Acetone	3.736	43	298967	121.50	ug/l	97
17) Carbon Disulfide	3.958	76	237273	20.47	ug/l	99
18) Methyl Acetate	4.232	43	168568	26.23	ug/l	100
19) Methyl tert-butyl Ether	4.943	73	212440	18.25	ug/l	97
20) Methylene Chloride	4.444	84	100590	22.58	ug/l	97
21) trans-1,2-Dichloroethene	4.927	96	63254	17.77	ug/l	96
22) Diisopropyl ether	5.852	45	224320	18.52	ug/l	94
23) Vinyl Acetate	5.793	43	939959	91.13	ug/l	99
24) 1,1-Dichloroethane	5.742	63	127243	19.02	ug/l	98
25) 2-Butanone	6.748	43	276612	102.84	ug/l	100
26) 2,2-Dichloropropane	6.724	77	110015	18.45	ug/l	100
27) cis-1,2-Dichloroethene	6.729	96	75662	18.22	ug/l	99
28) Bromochloromethane	7.102	49	64357	19.09	ug/l	99
29) Tetrahydrofuran	7.126	42	174742	99.56	ug/l	99
30) Chloroform	7.281	83	130053	19.45	ug/l	98
31) Cyclohexane	7.563	56	109168	17.32	ug/l	96
32) 1,1,1-Trichloroethane	7.480	97	112071	19.08	ug/l	99
36) 1,1-Dichloropropene	7.708	75	89637	18.29	ug/l	99
37) Ethyl Acetate	6.839	43	110202	20.43	ug/l	98
38) Carbon Tetrachloride	7.686	117	95960	19.47	ug/l	95
39) Methylcyclohexane	9.006	83	103532	17.33	ug/l	98
40) Benzene	7.960	78	292797	19.78	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.075	41	47110	17.60	ug/l	96
42) 1,2-Dichloroethane	8.043	62	102069	19.25	ug/l	98
43) Isopropyl Acetate	8.091	43	179690	19.49	ug/l	98
44) Trichloroethene	8.762	130	74719	19.19	ug/l	98
45) 1,2-Dichloropropane	9.046	63	78488	19.90	ug/l	97
46) Dibromomethane	9.137	93	52077	20.14	ug/l	98
47) Bromodichloromethane	9.333	83	104446	19.56	ug/l	97
48) Methyl methacrylate	9.132	41	80268	18.29	ug/l	94
49) 1,4-Dioxane	9.135	88	23124	419.32	ug/l	97
51) 4-Methyl-2-Pentanone	9.920	43	571956	106.13	ug/l	99
52) Toluene	10.089	92	179656	19.77	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	109053	18.80	ug/l	99
54) cis-1,3-Dichloropropene	9.773	75	119389	19.17	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	75598	20.69	ug/l	96
56) Ethyl methacrylate	10.368	69	104502	18.65	ug/l	95
57) 1,3-Dichloropropane	10.645	76	121306	20.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	40785	84.95	ug/l	99
59) 2-Hexanone	10.693	43	400761	106.15	ug/l	99
60) Dibromochloromethane	10.840	129	80271	19.78	ug/l	98
61) 1,2-Dibromoethane	10.945	107	76016	19.95	ug/l	100
64) Tetrachloroethene	10.569	164	76575	18.35	ug/l	98
65) Chlorobenzene	11.374	112	190334	19.47	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	73389	19.50	ug/l	98
67) Ethyl Benzene	11.452	91	331132	18.66	ug/l	99
68) m/p-Xylenes	11.562	106	251553	37.31	ug/l	99
69) o-Xylene	11.889	106	118449	18.21	ug/l	100
70) Styrene	11.905	104	195453	18.53	ug/l	99
71) Bromoform	12.069	173	60293	19.26	ug/l #	100
73) Isopropylbenzene	12.192	105	314217	18.00	ug/l	100
74) N-amyl acetate	12.018	43	77213	13.72	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.447	83	114877	20.66	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	100728m	19.56	ug/l	
77) Bromobenzene	12.468	156	84847	19.24	ug/l	99
78) n-propylbenzene	12.535	91	356500	18.78	ug/l	99
79) 2-Chlorotoluene	12.616	91	219753	18.83	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	260628	18.25	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	27788	16.23	ug/l	98
82) 4-Chlorotoluene	12.715	91	215915	18.59	ug/l	99
83) tert-Butylbenzene	12.935	119	222148	18.07	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	252418	18.19	ug/l	99
85) sec-Butylbenzene	13.115	105	298030	18.71	ug/l	99
86) p-Isopropyltoluene	13.233	119	257459	18.05	ug/l	100
87) 1,3-Dichlorobenzene	13.227	146	139887	18.91	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	147960	19.26	ug/l	99
89) n-Butylbenzene	13.560	91	214270	18.18	ug/l	96
90) Hexachloroethane	13.815	117	48837	18.98	ug/l	96
91) 1,2-Dichlorobenzene	13.595	146	143905	19.78	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.236	75	21173	19.86	ug/l	90
93) 1,2,4-Trichlorobenzene	14.981	180	82574	18.31	ug/l	99
94) Hexachlorobutadiene	15.102	225	48707	19.80	ug/l	99
95) Naphthalene	15.263	128	238783	18.81	ug/l	99
96) 1,2,3-Trichlorobenzene	15.504	180	82359	18.17	ug/l	99

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

