

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065857.D
 Acq On : 12 Feb 2021 23:18
 Operator : JC/MD
 Sample : VN0212MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212MBS01

Manual Integrations
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 2/15/2021 1:32:31 PM

Quant Time: Feb 13 03:37:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	138380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	243393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	217399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	93167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	76764	42.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.34%		
35) Dibromofluoromethane	7.547	113	71077	49.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.56%		
50) Toluene-d8	10.055	98	268891	47.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.86%		
62) 4-Bromofluorobenzene	12.370	95	100012	48.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.98%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.837	85	33625	21.69	ug/l	94
3) Chloromethane	2.039	50	45120	19.81	ug/l	99
4) Vinyl Chloride	2.168	62	46710	20.25	ug/l	97
5) Bromomethane	2.538	94	30456	22.81	ug/l	98
6) Chloroethane	2.679	64	26494	19.86	ug/l	96
7) Trichlorofluoromethane	2.994	101	50748	21.04	ug/l	95
8) Diethyl Ether	3.380	74	21845	19.00	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.714	101	31163	21.30	ug/l	98
10) Methyl Iodide	3.904	142	46364	21.61	ug/l	95
11) Tert butyl alcohol	4.763	59	25677	75.30	ug/l	97
12) 1,1-Dichloroethene	3.695	96	32762	19.45	ug/l	99
13) Acrolein	3.570	56	11200	53.34	ug/l	98
14) Allyl chloride	4.271	41	51350	16.44	ug/l	92
15) Acrylonitrile	4.933	53	76020	85.57	ug/l	98
16) Acetone	3.779	43	54962	77.55	ug/l	94
17) Carbon Disulfide	4.001	76	89383	16.85	ug/l	98
18) Methyl Acetate	4.283	43	33044	16.64	ug/l	100
19) Methyl tert-butyl Ether	5.000	73	100403	17.85	ug/l	97
20) Methylene Chloride	4.499	84	38005	19.37	ug/l	95
21) trans-1,2-Dichloroethene	4.984	96	35149	19.63	ug/l	96
22) Diisopropyl ether	5.907	45	108419	16.98	ug/l	97
23) Vinyl Acetate	5.846	43	405643	79.55	ug/l	98
24) 1,1-Dichloroethane	5.798	63	63526	18.67	ug/l	98
25) 2-Butanone	6.795	43	90024	81.01	ug/l	99
26) 2,2-Dichloropropane	6.772	77	42064	15.45	ug/l	96
27) cis-1,2-Dichloroethene	6.782	96	40356	19.67	ug/l	99
28) Bromochloromethane	7.148	49	21661	15.15	ug/l	99
29) Tetrahydrofuran	7.171	42	62524	77.57	ug/l	97
30) Chloroform	7.328	83	59734	19.06	ug/l	100
31) Cyclohexane	7.608	56	58123	16.98	ug/l	96
32) 1,1,1-Trichloroethane	7.528	97	48088	18.85	ug/l	99
36) 1,1-Dichloropropene	7.750	75	46975	19.18	ug/l	99
37) Ethyl Acetate	6.888	43	39906	16.98	ug/l	95
38) Carbon Tetrachloride	7.730	117	39615	19.65	ug/l	96
39) Methylcyclohexane	9.042	83	53198	17.80	ug/l	99
40) Benzene	8.000	78	150349	20.10	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	18599	14.74	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	45013	19.96	ug/l	97
43) Isopropyl Acetate	8.129	43	65910	15.82	ug/l	92
44) Trichloroethene	8.798	130	38318	21.11	ug/l	98
45) 1,2-Dichloropropane	9.081	63	40201	19.53	ug/l	98
46) Dibromomethane	9.171	93	22853	20.10	ug/l	98
47) Bromodichloromethane	9.367	83	44371	18.19	ug/l	98
48) Methyl methacrylate	9.164	41	32881	16.64	ug/l	94
49) 1,4-Dioxane	9.168	88	12498	390.75	ug/l	91
51) 4-Methyl-2-Pentanone	9.952	43	194264	84.58	ug/l	95
52) Toluene	10.122	92	93125	21.02	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	49310	17.36	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	58735	18.57	ug/l	93
55) 1,1,2-Trichloroethane	10.531	97	35709	21.13	ug/l	97
56) Ethyl methacrylate	10.399	69	51220	18.33	ug/l #	91
57) 1,3-Dichloropropane	10.676	76	61232	20.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	103860	80.47	ug/l	98
59) 2-Hexanone	10.721	43	136483	85.59	ug/l	95
60) Dibromochloromethane	10.868	129	33452	19.37	ug/l	100
61) 1,2-Dibromoethane	10.975	107	35226	20.91	ug/l	98
64) Tetrachloroethene	10.598	164	36688	20.14	ug/l	98
65) Chlorobenzene	11.402	112	98891	21.74	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.479	131	32634	20.30	ug/l	96
67) Ethyl Benzene	11.479	91	170894	20.00	ug/l	100
68) m/p-Xylenes	11.592	106	131977	42.67	ug/l	98
69) o-Xylene	11.917	106	63490	21.18	ug/l	99
70) Styrene	11.933	104	106071	21.50	ug/l	97
71) Bromoform	12.097	173	20046	18.04	ug/l #	97
73) Isopropylbenzene	12.219	105	163776	20.08	ug/l	100
74) N-amyl acetate	12.042	43	53466	15.50	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.473	83	46295	19.22	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	44135m	18.12	ug/l	
77) Bromobenzene	12.495	156	38998	22.08	ug/l	92
78) n-propylbenzene	12.560	91	180264	18.75	ug/l	100
79) 2-Chlorotoluene	12.643	91	112255	19.66	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	136747	19.69	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	13492	14.18	ug/l	94
82) 4-Chlorotoluene	12.743	91	113327	19.44	ug/l	96
83) tert-Butylbenzene	12.965	119	112948	19.50	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	134475	19.41	ug/l	98
85) sec-Butylbenzene	13.142	105	146156	18.69	ug/l	100
86) p-Isopropyltoluene	13.257	119	130286	18.87	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	66327	21.07	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	64804	20.28	ug/l	97
89) n-Butylbenzene	13.585	91	104121	16.79	ug/l	98
90) Hexachloroethane	13.843	117	20612	17.06	ug/l	96
91) 1,2-Dichlorobenzene	13.624	146	65967	21.12	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	7239	15.14	ug/l	94
93) 1,2,4-Trichlorobenzene	14.878	180	30035	18.16	ug/l	98
94) Hexachlorobutadiene	14.978	225	14081	18.37	ug/l	96
95) Naphthalene	15.100	128	91694	17.59	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	30540	18.29	ug/l	99

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

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