

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065672.D
 Acq On : 29 Jan 2021 12:48
 Operator : JC/MD
 Sample : VN0129MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/3/2021 9:45:16 AM

Quant Time: Jan 30 01:01:29 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	146461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	259325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	231822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	94586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	90098	46.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.52%		
35) Dibromofluoromethane	7.547	113	75048	48.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.68%		
50) Toluene-d8	10.055	98	286865	47.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.98%		
62) 4-Bromofluorobenzene	12.370	95	104586	48.08	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.16%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	29713	18.11	ug/l	99
3) Chloromethane	2.036	50	45652	18.94	ug/l	99
4) Vinyl Chloride	2.168	62	45128	18.49	ug/l	98
5) Bromomethane	2.537	94	27974	19.80	ug/l	96
6) Chloroethane	2.676	64	25841	18.30	ug/l	100
7) Trichlorofluoromethane	2.991	101	46625	18.27	ug/l	99
8) Diethyl Ether	3.377	74	23136	19.02	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.717	101	28924	18.67	ug/l	94
10) Methyl Iodide	3.904	142	41881	18.45	ug/l	98
11) Tert butyl alcohol	4.762	59	31339	86.83	ug/l	99
12) 1,1-Dichloroethene	3.695	96	30789	17.27	ug/l	93
13) Acrolein	3.573	56	22918	86.25	ug/l	94
14) Allyl chloride	4.274	41	61221	18.52	ug/l	90
15) Acrylonitrile	4.939	53	88283	93.89	ug/l	99
16) Acetone	3.782	43	63873	85.15	ug/l	96
17) Carbon Disulfide	4.004	76	88405	15.75	ug/l	99
18) Methyl Acetate	4.287	43	41600	19.79	ug/l	96
19) Methyl tert-butyl Ether	4.997	73	110499	18.57	ug/l	96
20) Methylene Chloride	4.499	84	37469	18.04	ug/l	93
21) trans-1,2-Dichloroethene	4.984	96	34039	17.96	ug/l	91
22) Diisopropyl ether	5.907	45	128466	19.01	ug/l	97
23) Vinyl Acetate	5.846	43	509205	94.35	ug/l	97
24) 1,1-Dichloroethane	5.795	63	67971	18.87	ug/l	97
25) 2-Butanone	6.794	43	111486	94.79	ug/l	94
26) 2,2-Dichloropropane	6.772	77	50140	17.40	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	40546	18.67	ug/l	93
28) Bromochloromethane	7.145	49	25469	16.83	ug/l	84
29) Tetrahydrofuran	7.174	42	78842	92.42	ug/l	94
30) Chloroform	7.328	83	62293	18.78	ug/l	98
31) Cyclohexane	7.608	56	62031	17.12	ug/l	95
32) 1,1,1-Trichloroethane	7.528	97	48365	17.91	ug/l	98
36) 1,1-Dichloropropene	7.749	75	48505	18.59	ug/l	97
37) Ethyl Acetate	6.884	43	48783	19.49	ug/l	98
38) Carbon Tetrachloride	7.730	117	40054	18.64	ug/l	100
39) Methylcyclohexane	9.042	83	53550	16.82	ug/l	92
40) Benzene	8.000	78	154416	19.38	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	26356	19.61	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	48796	20.31	ug/l	99
43) Isopropyl Acetate	8.126	43	84280	18.98	ug/l #	91
44) Trichloroethene	8.798	130	36533	18.89	ug/l	97
45) 1,2-Dichloropropane	9.081	63	43223	19.71	ug/l	99
46) Dibromomethane	9.171	93	24091	19.89	ug/l	93
47) Bromodichloromethane	9.367	83	48425	18.64	ug/l	99
48) Methyl methacrylate	9.164	41	39815	18.91	ug/l	91
49) 1,4-Dioxane	9.174	88	13091	384.15	ug/l	90
51) 4-Methyl-2-Pentanone	9.952	43	237793	97.17	ug/l	100
52) Toluene	10.122	92	91182	19.32	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	56578	18.70	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	63840	18.94	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	36149	20.08	ug/l	94
56) Ethyl methacrylate	10.399	69	56224	18.88	ug/l	94
57) 1,3-Dichloropropane	10.675	76	63749	20.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	127805	92.94	ug/l	94
59) 2-Hexanone	10.720	43	163734	96.37	ug/l	100
60) Dibromochloromethane	10.871	129	34327	18.65	ug/l	99
61) 1,2-Dibromoethane	10.974	107	35677	19.88	ug/l	100
64) Tetrachloroethene	10.598	164	35559	18.30	ug/l	96
65) Chlorobenzene	11.402	112	92785	19.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	32520	18.97	ug/l	98
67) Ethyl Benzene	11.479	91	167275	18.36	ug/l	96
68) m/p-Xylenes	11.588	106	124689	37.80	ug/l	99
69) o-Xylene	11.916	106	60987	19.08	ug/l	98
70) Styrene	11.933	104	99758	18.96	ug/l	99
71) Bromoform	12.097	173	21134	17.83	ug/l #	98
73) Isopropylbenzene	12.219	105	154686	18.68	ug/l	99
74) N-amyl acetate	12.039	43	66491	18.98	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	47662	19.49	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	46444m	18.78	ug/l	
77) Bromobenzene	12.495	156	34579	19.28	ug/l	74
78) n-propylbenzene	12.560	91	178156	18.25	ug/l	96
79) 2-Chlorotoluene	12.643	91	106894	18.44	ug/l	97
80) 1,3,5-Trimethylbenzene	12.701	105	131307	18.62	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	17170	17.78	ug/l	90
82) 4-Chlorotoluene	12.743	91	109878	18.57	ug/l	94
83) tert-Butylbenzene	12.965	119	107187	18.23	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	131211	18.66	ug/l	100
85) sec-Butylbenzene	13.141	105	140629	17.72	ug/l	98
86) p-Isopropyltoluene	13.257	119	125006	17.83	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	59516	18.62	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	60264	18.58	ug/l	96
89) n-Butylbenzene	13.585	91	108790	17.28	ug/l	98
90) Hexachloroethane	13.842	117	20773	16.94	ug/l	92
91) 1,2-Dichlorobenzene	13.624	146	61147	19.28	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	8406	17.32	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	28335	17.12	ug/l	97
94) Hexachlorobutadiene	14.977	225	13552	17.43	ug/l	99
95) Naphthalene	15.100	128	89502	17.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	29428	17.51	ug/l	98

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

