

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067574.D
 Acq On : 30 Jun 2021 16:03
 Operator : JC/MD
 Sample : VN0630MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 10:27:38 AM

Quant Time: Jun 30 16:47:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	168045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	309400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	313391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	140067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	127164	55.292	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.580%			
35) Dibromofluoromethane	8.024	113	89338	46.572	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.140%			
50) Toluene-d8	10.443	98	396357	50.864	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.734	95	139923	51.406	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	30506	17.548	ug/l	98
3) Chloromethane	2.303	50	44430	21.236	ug/l	98
4) Vinyl Chloride	2.443	62	70549	25.080	ug/l	94
5) Bromomethane	2.859	94	56741	27.420	ug/l	100
6) Chloroethane	3.019	64	51624	26.314	ug/l	97
7) Trichlorofluoromethane	3.371	101	136754	27.057	ug/l	98
8) Diethyl Ether	3.811	74	27545	23.520	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.202	101	30671	18.383	ug/l	95
10) Methyl Iodide	4.417	142	34101	15.680	ug/l	93
11) Tert butyl alcohol	5.390	59	34270	99.824	ug/l	97
12) 1,1-Dichloroethene	4.173	96	28338	17.374	ug/l	85
13) Acrolein	4.041	56	23089	103.402	ug/l	98
14) Allyl chloride	4.830	41	46821m	17.560	ug/l	
15) Acrylonitrile	5.557	53	83069	94.144	ug/l	98
16) Acetone	4.291	43	72300	95.308	ug/l	95
17) Carbon Disulfide	4.521	76	72966	15.867	ug/l	99
18) Methyl Acetate	4.865	43	37922	18.740	ug/l	95
19) Methyl tert-butyl Ether	5.624	73	116224	18.583	ug/l	97
20) Methylene Chloride	5.090	84	36162	18.037	ug/l	83
21) trans-1,2-Dichloroethene	5.602	96	32530	17.586	ug/l	87
22) Diisopropyl ether	6.498	45	115146	19.887	ug/l #	96
23) Vinyl Acetate	6.436	43	492957	101.560	ug/l	96
24) 1,1-Dichloroethane	6.385	63	63785	18.878	ug/l	99
25) 2-Butanone	7.340	43	119972	102.551	ug/l	91
26) 2,2-Dichloropropane	7.327	77	57914	18.494	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	41959	18.751	ug/l	87
28) Bromochloromethane	7.659	49	28590	18.082	ug/l #	81
29) Tetrahydrofuran	7.694	42	79796	102.434	ug/l	91
30) Chloroform	7.817	83	73122	19.672	ug/l	98
31) Cyclohexane	8.091	56	62477	18.965	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	63937	18.944	ug/l	98
36) 1,1-Dichloropropene	8.220	75	53118	19.017	ug/l	97
37) Ethyl Acetate	7.418	43	49745	19.395	ug/l #	88
38) Carbon Tetrachloride	8.206	117	52751	17.630	ug/l	96
39) Methylcyclohexane	9.462	83	60615	17.928	ug/l	90
40) Benzene	8.461	78	163634	19.348	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	25206	19.714	ug/l #	90
42) 1,2-Dichloroethane	8.531	62	61831	21.181	ug/l	96
43) Isopropyl Acetate	8.563	43	91971	20.991	ug/l	96
44) Trichloroethene	9.217	130	40466	18.371	ug/l	89
45) 1,2-Dichloropropane	9.491	63	40711	19.228	ug/l	98
46) Dibromomethane	9.580	93	30526	20.250	ug/l	97
47) Bromodichloromethane	9.762	83	57916	19.422	ug/l	100
48) Methyl methacrylate	9.563	41	39561	20.620	ug/l	89
49) 1,4-Dioxane	9.571	88	14749	384.104	ug/l	92
51) 4-Methyl-2-Pentanone	10.333	43	289601	109.556	ug/l	96
52) Toluene	10.507	92	112502	20.360	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	63122	19.420	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	65386	19.338	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	43758	20.294	ug/l	99
56) Ethyl methacrylate	10.765	69	67523	20.712	ug/l	94
57) 1,3-Dichloropropane	11.047	76	71978	20.623	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	61868	93.529	ug/l	96
59) 2-Hexanone	11.089	43	203605	109.099	ug/l	94
60) Dibromochloromethane	11.240	129	42984	18.119	ug/l	98
61) 1,2-Dibromoethane	11.350	107	44312	20.073	ug/l	99
64) Tetrachloroethene	10.980	164	40737	18.552	ug/l	95
65) Chlorobenzene	11.773	112	121461	18.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	43005	18.681	ug/l	99
67) Ethyl Benzene	11.848	91	223200	19.228	ug/l	97
68) m/p-Xylenes	11.956	106	170626	38.181	ug/l	90
69) o-Xylene	12.283	106	83528	18.871	ug/l	89
70) Styrene	12.299	104	134986	18.422	ug/l	94
71) Bromoform	12.460	173	27188	16.585	ug/l #	100
73) Isopropylbenzene	12.583	105	215026	18.256	ug/l	99
74) N-amyl acetate	12.390	43	76401	19.783	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	64568	19.327	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	55460m	19.754	ug/l	
77) Bromobenzene	12.862	156	45295	17.332	ug/l	85
78) n-propylbenzene	12.924	91	247971	18.889	ug/l	98
79) 2-Chlorotoluene	13.010	91	150124	18.718	ug/l	92
80) 1,3,5-Trimethylbenzene	13.063	105	181119	18.763	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	16419	16.814	ug/l	98
82) 4-Chlorotoluene	13.109	91	152382	19.442	ug/l	97
83) tert-Butylbenzene	13.326	119	150904	18.024	ug/l	92
84) 1,2,4-Trimethylbenzene	13.372	105	178920	18.826	ug/l	95
85) sec-Butylbenzene	13.506	105	211514	18.370	ug/l	98
86) p-Isopropyltoluene	13.619	119	171192	18.486	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	87966	18.180	ug/l	96
88) 1,4-Dichlorobenzene	13.699	146	88686	18.545	ug/l	98
89) n-Butylbenzene	13.946	91	146077	19.126	ug/l	99
90) Hexachloroethane	14.214	117	26813	16.452	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	85092	18.460	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	11563	19.785	ug/l	87
93) 1,2,4-Trichlorobenzene	15.268	180	35477	17.483	ug/l	100
94) Hexachlorobutadiene	15.375	225	17354	19.405	ug/l	98
95) Naphthalene	15.509	128	112695	18.460	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	34235	17.238	ug/l	99

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

