

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082721\
 Data File : VN068338.D
 Acq On : 27 Aug 2021 12:11
 Operator : JC/MD
 Sample : VN0827MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827MBS01

Manual Integrations
 APPROVED

MMDadoda

8/30/2021 9:41:38 AM

Quant Time: Aug 28 01:26:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	604519	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	908668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	879414	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	463542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	334268	51.787	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.580%			
35) Dibromofluoromethane	8.024	113	305492	53.549	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.100%			
50) Toluene-d8	10.443	98	1146409	52.739	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.480%			
62) 4-Bromofluorobenzene	12.733	95	398818	55.113	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	86929	18.148	ug/l	98
3) Chloromethane	2.303	50	93686	17.312	ug/l	97
4) Vinyl Chloride	2.443	62	150136	17.705	ug/l	96
5) Bromomethane	2.861	94	143014	19.486	ug/l	98
6) Chloroethane	3.022	64	110844	19.099	ug/l	95
7) Trichlorofluoromethane	3.373	101	321239	19.270	ug/l	97
8) Diethyl Ether	3.824	74	112822	29.177	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.205	101	102628	20.135	ug/l #	83
10) Methyl Iodide	4.417	142	107848	14.881	ug/l #	87
11) Tert butyl alcohol	5.393	59	86368	107.298	ug/l #	89
12) 1,1-Dichloroethene	4.175	96	93772	19.134	ug/l #	76
13) Acrolein	4.041	56	38650	65.868	ug/l	100
14) Allyl chloride	4.838	41	121823	19.447	ug/l #	94
15) Acrylonitrile	5.559	53	237403	104.684	ug/l	98
16) Acetone	4.293	43	209130	110.971	ug/l #	87
17) Carbon Disulfide	4.524	76	226149	17.851	ug/l	99
18) Methyl Acetate	4.862	43	112233	21.493	ug/l #	84
19) Methyl tert-butyl Ether	5.618	73	337363	21.352	ug/l	96
20) Methylene Chloride	5.093	84	118588	21.535	ug/l #	80
21) trans-1,2-Dichloroethene	5.591	96	106062	19.331	ug/l #	78
22) Diisopropyl ether	6.503	45	285203	20.841	ug/l #	94
23) Vinyl Acetate	6.439	43	1071996m	100.638	ug/l	
24) 1,1-Dichloroethane	6.391	63	177867	19.454	ug/l	94
25) 2-Butanone	7.343	43	304195	103.576	ug/l #	82
26) 2,2-Dichloropropane	7.327	77	165127	21.078	ug/l	89
27) cis-1,2-Dichloroethene	7.329	96	130773	19.906	ug/l	74
28) Bromochloromethane	7.659	49	85811	21.343	ug/l #	43
29) Tetrahydrofuran	7.691	42	200422	106.706	ug/l #	80
30) Chloroform	7.820	83	218318	20.045	ug/l	100
31) Cyclohexane	8.096	56	159677	18.782	ug/l #	77
32) 1,1,1-Trichloroethane	8.016	97	202487	20.847	ug/l	94
36) 1,1-Dichloropropene	8.222	75	149411	20.114	ug/l	90
37) Ethyl Acetate	7.418	43	127773	20.191	ug/l	96
38) Carbon Tetrachloride	8.206	117	175920	20.534	ug/l	95
39) Methylcyclohexane	9.461	83	182433	21.746	ug/l #	84
40) Benzene	8.464	78	462354	20.394	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	60689	21.006	ug/l #	85
42) 1,2-Dichloroethane	8.534	62	162415	21.031	ug/l	94
43) Isopropyl Acetate	8.566	43	214793	21.190	ug/l #	89
44) Trichloroethene	9.220	130	139675	20.487	ug/l	79
45) 1,2-Dichloropropane	9.494	63	110856	20.788	ug/l	98
46) Dibromomethane	9.579	93	89990	20.687	ug/l #	77
47) Bromodichloromethane	9.765	83	174293	21.561	ug/l #	95
48) Methyl methacrylate	9.563	41	88270	20.896	ug/l #	80
49) 1,4-Dioxane	9.574	88	44444	435.292	ug/l #	76
51) 4-Methyl-2-Pentanone	10.333	43	675621	108.505	ug/l	90
52) Toluene	10.507	92	324684	21.007	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	174460	21.973	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	182356	21.198	ug/l #	83
55) 1,1,2-Trichloroethane	10.899	97	131886	21.353	ug/l	95
56) Ethyl methacrylate	10.765	69	168810	21.283	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	194788	20.476	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.043	63	134683	92.026	ug/l #	83
59) 2-Hexanone	11.089	43	472729	109.338	ug/l	88
60) Dibromochloromethane	11.240	129	156047	22.395	ug/l	99
61) 1,2-Dibromoethane	11.347	107	137168	21.414	ug/l	97
64) Tetrachloroethene	10.979	164	138714	20.399	ug/l	88
65) Chlorobenzene	11.773	112	366337	20.345	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	148916	21.925	ug/l	98
67) Ethyl Benzene	11.848	91	601686	20.258	ug/l	92
68) m/p-Xylenes	11.956	106	501848	42.239	ug/l	78
69) o-Xylene	12.283	106	239815	20.890	ug/l	79
70) Styrene	12.296	104	392066	21.337	ug/l #	89
71) Bromoform	12.460	173	124016	22.768	ug/l #	100
73) Isopropylbenzene	12.581	105	617764	18.739	ug/l	93
74) N-amyl acetate	12.390	43	157116	18.302	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	189364	19.153	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	136184m	17.676	ug/l	
77) Bromobenzene	12.862	156	179558	19.770	ug/l	53
78) n-propylbenzene	12.924	91	692926	19.594	ug/l	90
79) 2-Chlorotoluene	13.010	91	409143	18.707	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	536619	20.121	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.629	75	46838	19.917	ug/l	88
82) 4-Chlorotoluene	13.106	91	412929	19.452	ug/l	84
83) tert-Butylbenzene	13.326	119	474442	20.033	ug/l	83
84) 1,2,4-Trimethylbenzene	13.369	105	532919	20.469	ug/l	88
85) sec-Butylbenzene	13.503	105	655494	21.020	ug/l	91
86) p-Isopropyltoluene	13.619	119	559757	21.747	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	322234	20.806	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	316171	20.151	ug/l	92
89) n-Butylbenzene	13.946	91	420744	21.912	ug/l	95
90) Hexachloroethane	14.214	117	99507	20.835	ug/l	72
91) 1,2-Dichlorobenzene	13.991	146	300133	20.355	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	30324	20.249	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.265	180	158318	22.059	ug/l	97
94) Hexachlorobutadiene	15.373	225	87234	21.844	ug/l	99
95) Naphthalene	15.507	128	387870	23.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	152806	22.467	ug/l	98

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

