

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082321\
 Data File : VN068262.D
 Acq On : 23 Aug 2021 12:03
 Operator : JC/MD
 Sample : VN0823MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823MBS01

Manual Integrations
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SAM

8/24/2021 11:22:40 AM

Quant Time: Aug 24 03:52:53 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	8.086	168	624757	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	943078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	908539	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	453727	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	341825	51.243	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.480%	
35) Dibromofluoromethane	8.021	113	304763	51.472	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.940%	
50) Toluene-d8	10.443	98	1174563	52.062	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.734	95	398935	53.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	92278	18.641	ug/l	99
3) Chloromethane	2.301	50	100463	17.963	ug/l	97
4) Vinyl Chloride	2.443	62	162660	18.561	ug/l	95
5) Bromomethane	2.856	94	159415	21.276	ug/l	97
6) Chloroethane	3.019	64	123523	20.956	ug/l	98
7) Trichlorofluoromethane	3.371	101	334001	19.386	ug/l	99
8) Diethyl Ether	3.821	74	60904	15.240	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.200	101	109467	20.781	ug/l #	83
10) Methyl Iodide	4.414	142	138085	18.435	ug/l #	87
11) Tert butyl alcohol	5.390	59	79154	95.151	ug/l #	83
12) 1,1-Dichloroethene	4.175	96	95180	18.793	ug/l #	71
13) Acrolein	4.036	56	34478	55.485	ug/l	99
14) Allyl chloride	4.833	41	124122	19.172	ug/l #	93
15) Acrylonitrile	5.559	53	226209	96.517	ug/l	99
16) Acetone	4.288	43	229195	117.678	ug/l #	89
17) Carbon Disulfide	4.521	76	243381	18.588	ug/l	99
18) Methyl Acetate	4.854	43	107748	19.720	ug/l #	85
19) Methyl tert-butyl Ether	5.616	73	326086	19.970	ug/l	95
20) Methylene Chloride	5.093	84	125454	22.097	ug/l #	76
21) trans-1,2-Dichloroethene	5.594	96	109906	19.383	ug/l #	80
22) Diisopropyl ether	6.501	45	285643	20.197	ug/l #	94
23) Vinyl Acetate	6.436	43	1082588	98.340	ug/l #	89
24) 1,1-Dichloroethane	6.385	63	184907	19.568	ug/l	95
25) 2-Butanone	7.340	43	305881	100.776	ug/l #	87
26) 2,2-Dichloropropane	7.324	77	175046	21.620	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	129158	19.023	ug/l	77
28) Bromochloromethane	7.657	49	83651	20.132	ug/l #	44
29) Tetrahydrofuran	7.689	42	188262	96.985	ug/l #	80
30) Chloroform	7.818	83	220170	19.560	ug/l	99
31) Cyclohexane	8.094	56	168597	19.189	ug/l #	83
32) 1,1,1-Trichloroethane	8.016	97	202872	20.210	ug/l	95
36) 1,1-Dichloropropene	8.223	75	151656	19.672	ug/l	90
37) Ethyl Acetate	7.415	43	121298	18.469	ug/l	98
38) Carbon Tetrachloride	8.206	117	177336	19.944	ug/l	97
39) Methylcyclohexane	9.462	83	193622	22.238	ug/l	88
40) Benzene	8.461	78	469624	19.958	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	55798	18.608	ug/l #	80
42) 1,2-Dichloroethane	8.531	62	157680	19.673	ug/l	93
43) Isopropyl Acetate	8.563	43	208927	19.859	ug/l #	89
44) Trichloroethene	9.218	130	141256	19.963	ug/l	79
45) 1,2-Dichloropropane	9.491	63	112459	20.319	ug/l	99
46) Dibromomethane	9.580	93	88603	19.625	ug/l #	77
47) Bromodichloromethane	9.765	83	171021	20.384	ug/l #	96
48) Methyl methacrylate	9.561	41	86895	19.820	ug/l #	81
49) 1,4-Dioxane	9.574	88	40554	382.701	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	652915	101.032	ug/l	90
52) Toluene	10.508	92	325238	20.275	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	170628	20.706	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	182319	20.420	ug/l #	84
55) 1,1,2-Trichloroethane	10.902	97	128679	20.074	ug/l	93
56) Ethyl methacrylate	10.765	69	163792	19.897	ug/l #	82
57) 1,3-Dichloropropane	11.047	76	194546	19.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	119976	81.623	ug/l #	83
59) 2-Hexanone	11.090	43	463320	103.252	ug/l	87
60) Dibromochloromethane	11.240	129	146960	20.321	ug/l	99
61) 1,2-Dibromoethane	11.350	107	133535	20.086	ug/l	97
64) Tetrachloroethene	10.980	164	147442	20.987	ug/l #	86
65) Chlorobenzene	11.773	112	371048	19.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	144247	20.557	ug/l	98
67) Ethyl Benzene	11.846	91	619910	20.203	ug/l	93
68) m/p-Xylenes	11.956	106	516103	42.046	ug/l	79
69) o-Xylene	12.283	106	243946	20.569	ug/l	79
70) Styrene	12.296	104	396856	20.905	ug/l #	90
71) Bromoform	12.460	173	114025	20.262	ug/l #	99
73) Isopropylbenzene	12.581	105	619659	19.203	ug/l	95
74) N-amyl acetate	12.390	43	154463	18.382	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	179842	18.583	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	144394m	19.147	ug/l	
77) Bromobenzene	12.862	156	171366	19.276	ug/l	55
78) n-propylbenzene	12.924	91	694642	20.067	ug/l	91
79) 2-Chlorotoluene	13.010	91	414833	19.378	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	540430	20.702	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.626	75	45098	19.592	ug/l	90
82) 4-Chlorotoluene	13.109	91	406636	19.570	ug/l	84
83) tert-Butylbenzene	13.326	119	479777	20.697	ug/l	83
84) 1,2,4-Trimethylbenzene	13.372	105	521664	20.470	ug/l	90
85) sec-Butylbenzene	13.503	105	639653	20.956	ug/l	92
86) p-Isopropyltoluene	13.619	119	542977	21.551	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	303894	20.047	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	301491	19.632	ug/l	92
89) n-Butylbenzene	13.946	91	383636	20.412	ug/l	96
90) Hexachloroethane	14.211	117	94837	20.287	ug/l	72
91) 1,2-Dichlorobenzene	13.991	146	290642	20.137	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	27072	18.468	ug/l #	35
93) 1,2,4-Trichlorobenzene	15.265	180	124120	18.203	ug/l	97
94) Hexachlorobutadiene	15.373	225	83641	21.398	ug/l	99
95) Naphthalene	15.509	128	248845	16.382	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	117175	18.214	ug/l	96

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

