

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067298.D
 Acq On : 11 Jun 2021 19:08
 Operator : JC/MD
 Sample : VN0611MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 4:11:13 PM

Quant Time: Jun 12 04:30:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	350038	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	668958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	620767	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	258190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	335463	50.704	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.400%
35) Dibromofluoromethane	8.024	113	216953	50.894	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.780%
50) Toluene-d8	10.443	98	825563	49.281	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.733	95	335991	48.197	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	86516	19.860	ug/l	100
3) Chloromethane	2.301	50	94975	17.009	ug/l	99
4) Vinyl Chloride	2.440	62	96871	17.936	ug/l	98
5) Bromomethane	2.845	94	47760	19.519	ug/l	93
6) Chloroethane	3.014	64	57311	18.070	ug/l	96
7) Trichlorofluoromethane	3.371	101	131768	19.283	ug/l	99
8) Diethyl Ether	3.819	74	56286	19.156	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.199	101	76566	19.324	ug/l #	83
10) Methyl Iodide	4.414	142	87562	20.388	ug/l #	81
11) Tert butyl alcohol	5.388	59	109256	97.034	ug/l #	79
12) 1,1-Dichloroethene	4.173	96	72741	18.992	ug/l #	78
13) Acrolein	4.038	56	45950	101.714	ug/l	90
14) Allyl chloride	4.838	41	169691	18.251	ug/l #	84
15) Acrylonitrile	5.559	53	226966	93.161	ug/l	99
16) Acetone	4.291	43	227481	85.152	ug/l	89
17) Carbon Disulfide	4.521	76	201296	17.976	ug/l	99
18) Methyl Acetate	4.859	43	142968	19.226	ug/l	90
19) Methyl tert-butyl Ether	5.621	73	303543	19.839	ug/l	99
20) Methylene Chloride	5.095	84	95850	20.003	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	82652	19.898	ug/l #	84
22) Diisopropyl ether	6.503	45	310651	18.638	ug/l #	88
23) Vinyl Acetate	6.436	43	1476897	92.698	ug/l #	92
24) 1,1-Dichloroethane	6.383	63	180892	19.118	ug/l	96
25) 2-Butanone	7.343	43	366161	89.841	ug/l #	87
26) 2,2-Dichloropropane	7.327	77	165301	18.170	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	101852	20.079	ug/l	81
28) Bromochloromethane	7.656	49	96391	20.847	ug/l #	65
29) Tetrahydrofuran	7.691	42	206671	89.936	ug/l	89
30) Chloroform	7.820	83	192372	20.478	ug/l	100
31) Cyclohexane	8.096	56	140240	17.227	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	174946	20.230	ug/l #	94
36) 1,1-Dichloropropene	8.222	75	130071	18.358	ug/l	94
37) Ethyl Acetate	7.418	43	154127	19.373	ug/l	93
38) Carbon Tetrachloride	8.206	117	145636	19.712	ug/l	97
39) Methylcyclohexane	9.461	83	116775	15.648	ug/l	89
40) Benzene	8.461	78	389062	19.212	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	84088	19.534	ug/l #	78
42) 1,2-Dichloroethane	8.531	62	171762	20.575	ug/l	92
43) Isopropyl Acetate	8.566	43	280095	19.039	ug/l #	90
44) Trichloroethene	9.217	130	92647	19.824	ug/l	76
45) 1,2-Dichloropropane	9.494	63	108630	19.032	ug/l	97
46) Dibromomethane	9.579	93	73471	20.265	ug/l #	76
47) Bromodichloromethane	9.764	83	161785	19.997	ug/l	97
48) Methyl methacrylate	9.563	41	128319	18.711	ug/l #	77
49) 1,4-Dioxane	9.574	88	31963	386.290	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	822960	94.004	ug/l	88
52) Toluene	10.507	92	245427	19.248	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	178102	18.896	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	180908	18.840	ug/l #	78
55) 1,1,2-Trichloroethane	10.902	97	99059	20.279	ug/l	95
56) Ethyl methacrylate	10.762	69	174795	19.326	ug/l #	72
57) 1,3-Dichloropropane	11.046	76	176628	19.521	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	209952	108.258	ug/l	92
59) 2-Hexanone	11.089	43	591106	93.512	ug/l	86
60) Dibromochloromethane	11.240	129	110043	19.549	ug/l	99
61) 1,2-Dibromoethane	11.350	107	100671	20.018	ug/l	100
64) Tetrachloroethene	10.979	164	89082	20.789	ug/l	89
65) Chlorobenzene	11.773	112	257124	19.468	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	99957	19.807	ug/l	97
67) Ethyl Benzene	11.848	91	494608	19.105	ug/l	95
68) m/p-Xylenes	11.956	106	350722	37.632	ug/l	81
69) o-Xylene	12.283	106	173253	18.954	ug/l	80
70) Styrene	12.296	104	290868	19.008	ug/l #	89
71) Bromoform	12.460	173	71708	19.223	ug/l #	98
73) Isopropylbenzene	12.581	105	451335	18.558	ug/l	96
74) N-amyl acetate	12.390	43	235268	19.674	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	144737	19.984	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	140594m	20.498	ug/l	
77) Bromobenzene	12.862	156	97179	20.096	ug/l #	56
78) n-propylbenzene	12.921	91	531967	18.741	ug/l	91
79) 2-Chlorotoluene	13.106	91	341027	19.565	ug/l	87
80) 1,3,5-Trimethylbenzene	13.061	105	382191	18.397	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.629	75	49466	18.449	ug/l #	80
82) 4-Chlorotoluene	13.010	91	335445	19.514	ug/l	90
83) tert-Butylbenzene	13.326	119	301276	17.632	ug/l	79
84) 1,2,4-Trimethylbenzene	13.369	105	382444	18.796	ug/l	91
85) sec-Butylbenzene	13.503	105	405772	17.017	ug/l	94
86) p-Isopropyltoluene	13.618	119	341860	16.939	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	172581	19.572	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	171087	19.741	ug/l	92
89) n-Butylbenzene	13.943	91	322565	17.367	ug/l	94
90) Hexachloroethane	14.211	117	60773	16.598	ug/l	75
91) 1,2-Dichlorobenzene	13.991	146	169073	20.197	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	37983	21.755	ug/l	58
93) 1,2,4-Trichlorobenzene	15.265	180	92976	21.592	ug/l	97
94) Hexachlorobutadiene	15.372	225	48689	19.364	ug/l	97
95) Naphthalene	15.507	128	321178	25.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	88679	22.218	ug/l	94

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

