

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068296.D
 Acq On : 25 Aug 2021 13:03
 Operator : JC/MD
 Sample : VN0825MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825MBS01

Manual Integrations
 APPROVED

Quant Time: Aug 26 05:38:27 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	535737	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	823707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	797479	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	380731	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	291012	50.874	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.740%
35) Dibromofluoromethane	8.021	113	263283	50.911	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.820%
50) Toluene-d8	10.443	98	1007615	51.135	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.734	95	335064	51.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.160%

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Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	82246	19.375	ug/l	100
3) Chloromethane	2.303	50	89725	18.708	ug/l	99
4) Vinyl Chloride	2.443	62	138696	18.456	ug/l	98
5) Bromomethane	2.856	94	138422	21.585	ug/l	99
6) Chloroethane	3.019	64	103646	20.406	ug/l	96
7) Trichlorofluoromethane	3.371	101	289023	19.563	ug/l	99
8) Diethyl Ether	3.821	74	93117	27.173	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.205	101	90943	20.133	ug/l #	83
10) Methyl Iodide	4.417	142	126117	19.635	ug/l	88
11) Tert butyl alcohol	5.388	59	75010	105.152	ug/l #	88
12) 1,1-Dichloroethene	4.175	96	83517	19.230	ug/l #	74
13) Acrolein	4.033	56	30118	56.709	ug/l	99
14) Allyl chloride	4.838	41	110475	19.900	ug/l #	93
15) Acrylonitrile	5.559	53	212496	105.731	ug/l	99
16) Acetone	4.291	43	176941	105.945	ug/l #	88
17) Carbon Disulfide	4.521	76	204247	18.192	ug/l	98
18) Methyl Acetate	4.862	43	103211	22.434	ug/l #	84
19) Methyl tert-butyl Ether	5.618	73	290067	20.716	ug/l	98
20) Methylene Chloride	5.095	84	104166	21.325	ug/l #	80
21) trans-1,2-Dichloroethene	5.597	96	93942	19.320	ug/l #	75
22) Diisopropyl ether	6.498	45	246380	20.316	ug/l #	93
23) Vinyl Acetate	6.436	43	959699	101.663	ug/l #	88
24) 1,1-Dichloroethane	6.385	63	159018	19.625	ug/l	96
25) 2-Butanone	7.340	43	272513	104.701	ug/l #	87
26) 2,2-Dichloropropane	7.327	77	142701	20.554	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	113746	19.537	ug/l	75
28) Bromochloromethane	7.657	49	75133	21.087	ug/l #	44
29) Tetrahydrofuran	7.689	42	179276	107.702	ug/l #	80
30) Chloroform	7.817	83	189904	19.674	ug/l	96
31) Cyclohexane	8.096	56	141400	18.767	ug/l #	76
32) 1,1,1-Trichloroethane	8.013	97	175643	20.405	ug/l	94
36) 1,1-Dichloropropene	8.222	75	128751	19.121	ug/l	91
37) Ethyl Acetate	7.418	43	113410	19.770	ug/l #	95
38) Carbon Tetrachloride	8.204	117	155809	20.062	ug/l	98
39) Methylcyclohexane	9.462	83	158376	20.826	ug/l #	86
40) Benzene	8.461	78	407153	19.811	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	55396	21.152	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	144154	20.592	ug/l	94
43) Isopropyl Acetate	8.566	43	189810	20.657	ug/l #	89
44) Trichloroethene	9.217	130	121431	19.648	ug/l	77
45) 1,2-Dichloropropane	9.491	63	98195	20.313	ug/l	98
46) Dibromomethane	9.580	93	81127	20.573	ug/l #	79
47) Bromodichloromethane	9.762	83	148358	20.246	ug/l #	94
48) Methyl methacrylate	9.563	41	85492	22.326	ug/l #	85
49) 1,4-Dioxane	9.571	88	37162	401.513	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	612379	108.492	ug/l	91
52) Toluene	10.507	92	283135	20.209	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	148155	20.584	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	158067	20.270	ug/l #	85
55) 1,1,2-Trichloroethane	10.902	97	116194	20.753	ug/l	95
56) Ethyl methacrylate	10.762	69	148569	20.663	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	175771	20.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	104840	81.653	ug/l #	82
59) 2-Hexanone	11.087	43	426127	108.725	ug/l	87
60) Dibromochloromethane	11.240	129	134965	21.367	ug/l	97
61) 1,2-Dibromoethane	11.347	107	123827	21.325	ug/l	99
64) Tetrachloroethene	10.980	164	126706	20.547	ug/l	87
65) Chlorobenzene	11.773	112	322187	19.732	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	128960	20.938	ug/l	99
67) Ethyl Benzene	11.848	91	531861	19.747	ug/l	93
68) m/p-Xylenes	11.956	106	434822	40.358	ug/l	78
69) o-Xylene	12.283	106	212820	20.443	ug/l	79
70) Styrene	12.296	104	337066	20.228	ug/l #	90
71) Bromoform	12.460	173	106050	21.470	ug/l #	99
73) Isopropylbenzene	12.581	105	537096	19.835	ug/l	94
74) N-amyl acetate	12.390	43	136421	19.348	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.827	83	166747	20.533	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	130032m	20.548	ug/l	
77) Bromobenzene	12.862	156	150245	20.140	ug/l	56
78) n-propylbenzene	12.924	91	576448	19.846	ug/l	90
79) 2-Chlorotoluene	13.010	91	352337	19.614	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	453514	20.703	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.626	75	39709	20.558	ug/l	90
82) 4-Chlorotoluene	13.106	91	344094	19.735	ug/l	83
83) tert-Butylbenzene	13.326	119	400834	20.606	ug/l	84
84) 1,2,4-Trimethylbenzene	13.369	105	446313	20.871	ug/l	90
85) sec-Butylbenzene	13.503	105	541050	21.124	ug/l	92
86) p-Isopropyltoluene	13.619	119	452191	21.389	ug/l	91
87) 1,3-Dichlorobenzene	13.619	146	258048	20.286	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	254136	19.721	ug/l	92
89) n-Butylbenzene	13.946	91	313798	19.897	ug/l	94
90) Hexachloroethane	14.214	117	82683	21.078	ug/l	76
91) 1,2-Dichlorobenzene	13.991	146	252777	20.872	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.603	75	25792	20.969	ug/l #	33
93) 1,2,4-Trichlorobenzene	15.265	180	109198	18.955	ug/l	97
94) Hexachlorobutadiene	15.370	225	69006	21.038	ug/l	99
95) Naphthalene	15.507	128	254432	19.230	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	108012	19.730	ug/l	98

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

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