

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082421\
 Data File : VN068283.D
 Acq On : 24 Aug 2021 13:00
 Operator : JC/MD
 Sample : VN0824MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBS01

Manual Integrations
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Quant Time: Aug 25 03:10:14 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	557816	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	836314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	822745	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	391216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	309671	51.994	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.980%	
35) Dibromofluoromethane	8.021	113	276770	52.712	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.420%	
50) Toluene-d8	10.443	98	1055962	52.781	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.733	95	355103	53.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.640%	

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Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	85712	19.392	ug/l	96
3) Chloromethane	2.303	50	91819	18.387	ug/l	98
4) Vinyl Chloride	2.443	62	143711	18.366	ug/l	96
5) Bromomethane	2.848	94	142853	21.366	ug/l	97
6) Chloroethane	3.014	64	107936	20.411	ug/l	95
7) Trichlorofluoromethane	3.371	101	290588	18.891	ug/l	99
8) Diethyl Ether	3.816	74	76912	21.556	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.205	101	94727	20.141	ug/l #	84
10) Methyl Iodide	4.417	142	129554	19.372	ug/l	90
11) Tert butyl alcohol	5.390	59	80317	108.135	ug/l	100
12) 1,1-Dichloroethene	4.170	96	86063	19.032	ug/l #	72
13) Acrolein	4.038	56	30138	54.111	ug/l	96
14) Allyl chloride	4.835	41	111566	19.301	ug/l #	93
15) Acrylonitrile	5.556	53	219661	104.970	ug/l	98
16) Acetone	4.291	43	185134	106.463	ug/l #	89
17) Carbon Disulfide	4.521	76	208080	17.800	ug/l	98
18) Methyl Acetate	4.856	43	108537	22.692	ug/l #	87
19) Methyl tert-butyl Ether	5.621	73	304944	20.916	ug/l	97
20) Methylene Chloride	5.092	84	110254	21.715	ug/l #	77
21) trans-1,2-Dichloroethene	5.597	96	97517	19.262	ug/l #	75
22) Diisopropyl ether	6.500	45	263759	20.888	ug/l #	93
23) Vinyl Acetate	6.436	43	1013926m	103.156	ug/l	
24) 1,1-Dichloroethane	6.388	63	164997	19.557	ug/l	95
25) 2-Butanone	7.340	43	285497	105.348	ug/l #	84
26) 2,2-Dichloropropane	7.327	77	144789	20.029	ug/l	88
27) cis-1,2-Dichloroethene	7.327	96	119032	19.636	ug/l	75
28) Bromochloromethane	7.656	49	75678	20.399	ug/l #	49
29) Tetrahydrofuran	7.691	42	190325	109.814	ug/l #	81
30) Chloroform	7.817	83	196813	19.583	ug/l	100
31) Cyclohexane	8.094	56	146888	18.724	ug/l #	81
32) 1,1,1-Trichloroethane	8.013	97	180963	20.191	ug/l	93
36) 1,1-Dichloropropene	8.222	75	134845	19.724	ug/l	92
37) Ethyl Acetate	7.415	43	116522	20.007	ug/l #	95
38) Carbon Tetrachloride	8.206	117	161635	20.499	ug/l	98
39) Methylcyclohexane	9.461	83	170191	22.042	ug/l #	84
40) Benzene	8.461	78	429700	20.593	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	57896	21.773	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	150605	21.189	ug/l	91
43) Isopropyl Acetate	8.563	43	202112	21.664	ug/l #	90
44) Trichloroethene	9.217	130	125255	19.961	ug/l	77
45) 1,2-Dichloropropane	9.491	63	102650	20.915	ug/l	96
46) Dibromomethane	9.579	93	83522	20.861	ug/l #	77
47) Bromodichloromethane	9.764	83	157226	21.132	ug/l #	97
48) Methyl methacrylate	9.563	41	84547	21.747	ug/l #	81
49) 1,4-Dioxane	9.571	88	41050	436.835	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	643661	112.315	ug/l	90
52) Toluene	10.507	92	295572	20.778	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	160982	22.029	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	168202	21.244	ug/l #	82
55) 1,1,2-Trichloroethane	10.899	97	121810	21.428	ug/l	95
56) Ethyl methacrylate	10.762	69	158729	21.743	ug/l #	81
57) 1,3-Dichloropropane	11.046	76	186087	21.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	123615	91.822	ug/l #	83
59) 2-Hexanone	11.087	43	449007	112.836	ug/l	87
60) Dibromochloromethane	11.240	129	141771	22.106	ug/l	98
61) 1,2-Dibromoethane	11.347	107	128479	21.793	ug/l	98
64) Tetrachloroethene	10.979	164	126672	19.911	ug/l	87
65) Chlorobenzene	11.771	112	340116	20.190	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	135240	21.283	ug/l	97
67) Ethyl Benzene	11.846	91	555049	19.975	ug/l	91
68) m/p-Xylenes	11.956	106	458072	41.210	ug/l	80
69) o-Xylene	12.283	106	223597	20.819	ug/l	81
70) Styrene	12.296	104	361766	21.044	ug/l #	89
71) Bromoform	12.460	173	109957	21.577	ug/l #	100
73) Isopropylbenzene	12.581	105	563606	20.257	ug/l	95
74) N-amyl acetate	12.390	43	150349	20.752	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.827	83	176502	21.152	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	125426m	19.289	ug/l	
77) Bromobenzene	12.862	156	157839	20.591	ug/l	54
78) n-propylbenzene	12.924	91	607640	20.359	ug/l	90
79) 2-Chlorotoluene	13.010	91	374603	20.295	ug/l	83
80) 1,3,5-Trimethylbenzene	13.061	105	478299	21.250	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.626	75	42008	21.165	ug/l	89
82) 4-Chlorotoluene	13.106	91	360313	20.111	ug/l	84
83) tert-Butylbenzene	13.326	119	424318	21.229	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	461804	21.017	ug/l	90
85) sec-Butylbenzene	13.503	105	561529	21.336	ug/l	92
86) p-Isopropyltoluene	13.618	119	469981	21.634	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	275025	21.041	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	273146	20.628	ug/l	92
89) n-Butylbenzene	13.943	91	335060	20.676	ug/l	95
90) Hexachloroethane	14.211	117	85618	21.241	ug/l	71
91) 1,2-Dichlorobenzene	13.991	146	261959	21.050	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	27168	21.495	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.265	180	121431	20.292	ug/l	96
94) Hexachlorobutadiene	15.372	225	71625	21.251	ug/l	99
95) Naphthalene	15.509	128	279147	20.306	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	116648	20.592	ug/l	95

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

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