

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073897.D
 Acq On : 15 Aug 2022 15:53
 Operator : JC\MD
 Sample : VN0815MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBS01

Quant Time: Aug 15 23:57:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	591448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	873665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	773206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	383446	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	313253	54.378	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.760%	
35) Dibromofluoromethane	7.951	113	275927	53.404	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.800%	
50) Toluene-d8	10.380	98	1059528	52.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.900%	
62) 4-Bromofluorobenzene	12.674	95	346023	52.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	92520	19.728	ug/l	94
3) Chloromethane	2.269	50	100406	19.253	ug/l	97
4) Vinyl Chloride	2.404	62	130127	19.437	ug/l	99
5) Bromomethane	2.804	94	79814	19.091	ug/l	96
6) Chloroethane	2.969	64	88197	18.648	ug/l	99
7) Trichlorofluoromethane	3.310	101	176282	20.412	ug/l	97
8) Diethyl Ether	3.763	74	58242	18.167	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	92099	18.357	ug/l	92
10) Methyl Iodide	4.351	142	102367	16.996	ug/l	98
11) Tert butyl alcohol	5.292	59	135628	105.254	ug/l	99
12) 1,1-Dichloroethene	4.116	96	87627	18.772	ug/l	93
13) Acrolein	3.981	56	108310	120.085	ug/l	99
14) Allyl chloride	4.763	41	131316	18.995	ug/l	97
15) Acrylonitrile	5.475	53	314048	99.826	ug/l	99
16) Acetone	4.222	43	269123	99.022	ug/l	99
17) Carbon Disulfide	4.463	76	204139	18.392	ug/l	99
18) Methyl Acetate	4.781	43	150594	20.679	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	324170	19.282	ug/l	94
20) Methylene Chloride	5.016	84	106658	18.598	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	95771	18.623	ug/l	93
22) Diisopropyl ether	6.416	45	281117	19.179	ug/l	95
23) Vinyl Acetate	6.351	43	1219887	97.117	ug/l	98
24) 1,1-Dichloroethane	6.310	63	172503	18.907	ug/l	99
25) 2-Butanone	7.263	43	438311	101.711	ug/l	99
26) 2,2-Dichloropropane	7.251	77	157193	18.338	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	118024	18.601	ug/l	93
28) Bromochloromethane	7.581	49	65552	19.480	ug/l	84
29) Tetrahydrofuran	7.610	42	280346	101.414	ug/l	95
30) Chloroform	7.745	83	191915	18.811	ug/l	99
31) Cyclohexane	8.022	56	150322	18.719	ug/l	92
32) 1,1,1-Trichloroethane	7.945	97	174261	19.261	ug/l	97
36) 1,1-Dichloropropene	8.151	75	129979	18.112	ug/l	98
37) Ethyl Acetate	7.339	43	168685	19.402	ug/l	99
38) Carbon Tetrachloride	8.139	117	152427	18.582	ug/l	98
39) Methylcyclohexane	9.398	83	162936	18.120	ug/l	97
40) Benzene	8.392	78	418210	18.464	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	76938	19.582	ug/l #	94
42) 1,2-Dichloroethane	8.463	62	146191	18.771	ug/l	99
43) Isopropyl Acetate	8.492	43	236392	19.086	ug/l	97
44) Trichloroethene	9.151	130	117881	18.019	ug/l	94
45) 1,2-Dichloropropane	9.427	63	101689	18.731	ug/l	100
46) Dibromomethane	9.516	93	78691	19.065	ug/l	93
47) Bromodichloromethane	9.698	83	146878	18.618	ug/l	99
48) Methyl methacrylate	9.498	41	101563	19.164	ug/l	86
49) 1,4-Dioxane	9.504	88	64886	411.713	ug/l	92
51) 4-Methyl-2-Pentanone	10.269	43	821859	98.145	ug/l	99
52) Toluene	10.445	92	277414	17.861	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	153338	18.523	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	169505	18.714	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	114551	18.960	ug/l	97
56) Ethyl methacrylate	10.704	69	168798	19.589	ug/l	98
57) 1,3-Dichloropropane	10.986	76	186839	19.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	411035	100.091	ug/l	95
59) 2-Hexanone	11.027	43	651625	101.111	ug/l	100
60) Dibromochloromethane	11.180	129	126037	18.864	ug/l	98
61) 1,2-Dibromoethane	11.286	107	119490	18.491	ug/l	99
64) Tetrachloroethene	10.916	164	106594	17.467	ug/l	97
65) Chlorobenzene	11.710	112	304957	18.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	119639	19.227	ug/l	98
67) Ethyl Benzene	11.786	91	510268	18.672	ug/l	98
68) m/p-Xylenes	11.892	106	409551	36.884	ug/l	97
69) o-Xylene	12.221	106	203050	18.236	ug/l	96
70) Styrene	12.233	104	324221	18.599	ug/l	98
71) Bromoform	12.398	173	102610	18.470	ug/l #	99
73) Isopropylbenzene	12.521	105	520925	18.657	ug/l	98
74) N-amyl acetate	12.327	43	191424	18.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	176569	18.845	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	151724m	18.608	ug/l	
77) Bromobenzene	12.798	156	137472	18.190	ug/l	90
78) n-propylbenzene	12.863	91	557686	18.738	ug/l	98
79) 2-Chlorotoluene	12.951	91	347425	18.732	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	428687	18.876	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	53884	19.229	ug/l	99
82) 4-Chlorotoluene	13.045	91	329544	18.707	ug/l	96
83) tert-Butylbenzene	13.262	119	393705	18.839	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	428421	18.890	ug/l	98
85) sec-Butylbenzene	13.439	105	523918	19.340	ug/l	98
86) p-Isopropyltoluene	13.557	119	442668	19.181	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	239678	18.287	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	241395	18.174	ug/l	99
89) n-Butylbenzene	13.880	91	328019	17.944	ug/l	98
90) Hexachloroethane	14.151	117	75402	17.874	ug/l	86
91) 1,2-Dichlorobenzene	13.927	146	247120	18.259	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	41320	18.677	ug/l	83
93) 1,2,4-Trichlorobenzene	15.198	180	148063	17.974	ug/l	98
94) Hexachlorobutadiene	15.304	225	78849	18.159	ug/l	99
95) Naphthalene	15.433	128	510058	18.993	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	159427	18.725	ug/l	98

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

