

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073988.D
 Acq On : 17 Aug 2022 20:03
 Operator : JC\MD
 Sample : VN0817MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2022
 Supervised By : Mahesh Dadoda 08/18/2022

Quant Time: Aug 18 00:50:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	1268572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1867033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1733013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	902143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	609748	49.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.700%
35) Dibromofluoromethane	7.951	113	579590	52.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.980%
50) Toluene-d8	10.380	98	2073019	48.477	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.674	95	786573	55.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	78981	7.852	ug/l	94
3) Chloromethane	2.269	50	97941	8.756	ug/l	98
4) Vinyl Chloride	2.404	62	120828	8.414	ug/l	98
5) Bromomethane	2.804	94	65021	7.251	ug/l	98
6) Chloroethane	2.969	64	81480	8.032	ug/l	94
7) Trichlorofluoromethane	3.316	101	158060	8.533	ug/l	99
8) Diethyl Ether	3.769	74	56641	8.237	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.145	101	83870	7.794	ug/l	92
10) Methyl Iodide	4.351	142	86634	6.706	ug/l	98
11) Tert butyl alcohol	5.292	59	118649	42.930	ug/l	100
12) 1,1-Dichloroethene	4.116	96	82080	8.198	ug/l	95
13) Acrolein	3.981	56	94589	48.895	ug/l	98
14) Allyl chloride	4.757	41	122152	8.238	ug/l	97
15) Acrylonitrile	5.475	53	300605	44.550	ug/l	98
16) Acetone	4.222	43	261397	44.842	ug/l	100
17) Carbon Disulfide	4.457	76	183333	7.701	ug/l	99
18) Methyl Acetate	4.775	43	150597	8.211	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	306769	8.507	ug/l	98
20) Methylene Chloride	5.016	84	102560	8.338	ug/l	99
21) trans-1,2-Dichloroethene	5.516	96	87049	7.892	ug/l	98
22) Diisopropyl ether	6.416	45	280571	8.924	ug/l	95
23) Vinyl Acetate	6.351	43	1189092	44.136	ug/l	100
24) 1,1-Dichloroethane	6.310	63	166225	8.494	ug/l	98
25) 2-Butanone	7.257	43	418402	45.267	ug/l	99
26) 2,2-Dichloropropane	7.245	77	123965	6.742	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	112585	8.273	ug/l	93
28) Bromochloromethane	7.580	49	71886	9.960	ug/l	87
29) Tetrahydrofuran	7.610	42	271398	45.773	ug/l	97
30) Chloroform	7.751	83	183812	8.400	ug/l	98
31) Cyclohexane	8.022	56	152246	8.839	ug/l #	84
32) 1,1,1-Trichloroethane	7.945	97	162996	8.400	ug/l	97
36) 1,1-Dichloropropene	8.151	75	127911	8.340	ug/l	98
37) Ethyl Acetate	7.339	43	160934	8.662	ug/l	99
38) Carbon Tetrachloride	8.133	117	138629	7.908	ug/l	96
39) Methylcyclohexane	9.392	83	147686	7.685	ug/l	94
40) Benzene	8.392	78	402855	8.323	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	76122	9.066	ug/l	96
42) 1,2-Dichloroethane	8.463	62	140619	8.449	ug/l	99
43) Isopropyl Acetate	8.498	43	229905	8.686	ug/l	97
44) Trichloroethene	9.151	130	110698	7.918	ug/l	94
45) 1,2-Dichloropropane	9.427	63	100159	8.633	ug/l	99
46) Dibromomethane	9.516	93	72343	8.202	ug/l	92
47) Bromodichloromethane	9.698	83	138464	8.213	ug/l	99
48) Methyl methacrylate	9.498	41	99660	8.800	ug/l	89
49) 1,4-Dioxane	9.510	88	56257	167.037	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	807441	45.121	ug/l	100
52) Toluene	10.445	92	262145	7.898	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	142592	8.060	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	157420	8.133	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	110764	8.579	ug/l	98
56) Ethyl methacrylate	10.704	69	162043	8.800	ug/l	98
57) 1,3-Dichloropropane	10.986	76	181783	8.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	426246	49.596	ug/l	95
59) 2-Hexanone	11.027	43	624318	45.331	ug/l	99
60) Dibromochloromethane	11.180	129	117316	8.217	ug/l	99
61) 1,2-Dibromoethane	11.286	107	112012	8.111	ug/l	98
64) Tetrachloroethene	10.916	164	98102	7.172	ug/l	97
65) Chlorobenzene	11.710	112	292801	7.950	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	111607	8.002	ug/l	97
67) Ethyl Benzene	11.786	91	491128	8.018	ug/l	99
68) m/p-Xylenes	11.892	106	384434	15.447	ug/l	99
69) o-Xylene	12.221	106	193732	7.763	ug/l	96
70) Styrene	12.233	104	309403	7.919	ug/l	98
71) Bromoform	12.398	173	92797	7.452	ug/l #	100
73) Isopropylbenzene	12.521	105	493130	7.507	ug/l	99
74) N-amyl acetate	12.327	43	180522	7.269	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	169940	7.709	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	129187m	6.890	ug/l	
77) Bromobenzene	12.798	156	129945	7.308	ug/l	93
78) n-propylbenzene	12.862	91	527048	7.527	ug/l	98
79) 2-Chlorotoluene	12.945	91	328342	7.524	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	405583	7.591	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	46112	6.994	ug/l	99
82) 4-Chlorotoluene	13.045	91	312150	7.532	ug/l	95
83) tert-Butylbenzene	13.262	119	387063	7.872	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	412849	7.737	ug/l	100
85) sec-Butylbenzene	13.445	105	494220	7.754	ug/l	99
86) p-Isopropyltoluene	13.557	119	412345	7.594	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	228044	7.395	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	227685	7.286	ug/l	97
89) n-Butylbenzene	13.886	91	301026	6.999	ug/l	98
90) Hexachloroethane	14.151	117	73120	7.367	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	236938	7.441	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	37728	7.249	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	134823	6.957	ug/l	98
94) Hexachlorobutadiene	15.303	225	72424	7.089	ug/l	97
95) Naphthalene	15.439	128	457516	7.241	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	143507	7.164	ug/l	99

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

