

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073343.D
 Acq On : 06 Jul 2022 14:22
 Operator : JC\MD
 Sample : VN0706MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 04:22:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	202096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	350836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	323480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	148251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	151135	51.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.600%			
35) Dibromofluoromethane	7.951	113	118708	50.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	10.375	98	400737	48.339	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.680%			
62) 4-Bromofluorobenzene	12.669	95	159593	50.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	59249	20.053	ug/l	99
3) Chloromethane	2.269	50	55775	19.444	ug/l	99
4) Vinyl Chloride	2.405	62	47107	19.328	ug/l	94
5) Bromomethane	2.805	94	25377	22.044	ug/l	91
6) Chloroethane	2.969	64	30529	21.293	ug/l	99
7) Trichlorofluoromethane	3.316	101	85524	20.297	ug/l	97
8) Diethyl Ether	3.763	74	37930	22.113	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.140	101	49739	19.977	ug/l	99
10) Methyl Iodide	4.351	142	46489	16.675	ug/l	93
11) Tert butyl alcohol	5.287	59	82413	116.609	ug/l	99
12) 1,1-Dichloroethene	4.110	96	47308	19.885	ug/l	95
13) Acrolein	3.981	56	38243	85.610	ug/l	99
14) Allyl chloride	4.757	41	105086	20.967	ug/l #	93
15) Acrylonitrile	5.469	53	219757	120.789	ug/l	99
16) Acetone	4.222	43	198170	121.010	ug/l	98
17) Carbon Disulfide	4.457	76	112786	18.283	ug/l	97
18) Methyl Acetate	4.775	43	110547	24.088	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	191912	22.133	ug/l	97
20) Methylene Chloride	5.016	84	61128	21.240	ug/l #	85
21) trans-1,2-Dichloroethene	5.510	96	49800	20.033	ug/l	93
22) Diisopropyl ether	6.416	45	212351	22.706	ug/l	95
23) Vinyl Acetate	6.351	43	953053	113.821	ug/l	94
24) 1,1-Dichloroethane	6.304	63	105212	21.739	ug/l	98
25) 2-Butanone	7.257	43	321392	123.267	ug/l #	87
26) 2,2-Dichloropropane	7.245	77	78913	17.630	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	61164	20.318	ug/l	94
28) Bromochloromethane	7.581	49	45720	22.557	ug/l #	81
29) Tetrahydrofuran	7.610	42	215539	120.732	ug/l #	86
30) Chloroform	7.745	83	105710	21.686	ug/l	98
31) Cyclohexane	8.016	56	94210	19.717	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	88500	20.373	ug/l	100
36) 1,1-Dichloropropene	8.145	75	71013	19.772	ug/l	99
37) Ethyl Acetate	7.334	43	128524	23.683	ug/l #	95
38) Carbon Tetrachloride	8.128	117	72523	19.526	ug/l	99
39) Methylcyclohexane	9.392	83	87920	19.662	ug/l	96
40) Benzene	8.387	78	230951	20.836	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	63580	24.158	ug/l #	83
42) 1,2-Dichloroethane	8.457	62	90117	22.429	ug/l	97
43) Isopropyl Acetate	8.492	43	178568	22.896	ug/l #	93
44) Trichloroethene	9.145	130	55956	19.838	ug/l	90
45) 1,2-Dichloropropane	9.422	63	62040	21.960	ug/l	98
46) Dibromomethane	9.510	93	41950	21.869	ug/l	92
47) Bromodichloromethane	9.698	83	82877	22.307	ug/l	98
48) Methyl methacrylate	9.492	41	79697	22.070	ug/l	91
49) 1,4-Dioxane	9.504	88	31889	465.172	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	605017	122.326	ug/l	91
52) Toluene	10.445	92	143629	20.968	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	87692	21.441	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	92945	21.050	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	59660	21.156	ug/l	99
56) Ethyl methacrylate	10.698	69	100481	22.045	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	104761	21.671	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	231162	113.715	ug/l	94
59) 2-Hexanone	11.022	43	455900	120.924	ug/l	90
60) Dibromochloromethane	11.180	129	59366	22.080	ug/l	99
61) 1,2-Dibromoethane	11.280	107	60424	21.452	ug/l	97
64) Tetrachloroethene	10.916	164	48858	18.497	ug/l	99
65) Chlorobenzene	11.710	112	145765	19.924	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	54617	20.297	ug/l	100
67) Ethyl Benzene	11.780	91	266484	20.064	ug/l	98
68) m/p-Xylenes	11.892	106	201795	40.258	ug/l	97
69) o-Xylene	12.216	106	101288	19.794	ug/l	97
70) Styrene	12.233	104	163386	20.681	ug/l	99
71) Bromoform	12.398	173	42523	21.596	ug/l #	97
73) Isopropylbenzene	12.516	105	258392	20.184	ug/l	98
74) N-amyl acetate	12.327	43	134044	20.911	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	93500	22.009	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	81913m	21.131	ug/l	
77) Bromobenzene	12.798	156	59431	19.967	ug/l	85
78) n-propylbenzene	12.857	91	293345	20.626	ug/l	97
79) 2-Chlorotoluene	12.945	91	184341	20.480	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	214130	20.521	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	29533	20.894	ug/l	92
82) 4-Chlorotoluene	13.045	91	178968	20.537	ug/l	96
83) tert-Butylbenzene	13.263	119	185090	19.785	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	215330	20.669	ug/l	96
85) sec-Butylbenzene	13.439	105	261187	20.792	ug/l	97
86) p-Isopropyltoluene	13.551	119	209130	20.609	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	105213	19.704	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	107043	20.007	ug/l	98
89) n-Butylbenzene	13.880	91	168283	19.901	ug/l	97
90) Hexachloroethane	14.151	117	39058	20.653	ug/l	80
91) 1,2-Dichlorobenzene	13.921	146	111223	20.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	23195	22.464	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	54589	19.274	ug/l	97
94) Hexachlorobutadiene	15.298	225	24658	19.584	ug/l	96
95) Naphthalene	15.433	128	218507	19.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	56633	19.384	ug/l	95

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

