

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070430.D
 Acq On : 3 Jan 2022 11:56
 Operator : JC/MD
 Sample : VN0103MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 04 01:29:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	922513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1474979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1345981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	566201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	702543	52.966	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.940%			
35) Dibromofluoromethane	8.021	113	512839	57.465	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 114.940%			
50) Toluene-d8	10.440	98	2064337	56.624	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.240%			
62) 4-Bromofluorobenzene	12.728	95	726606	55.182	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	213347	20.393	ug/l	100
3) Chloromethane	2.303	50	295882	20.791	ug/l	100
4) Vinyl Chloride	2.448	62	260195	20.081	ug/l	100
5) Bromomethane	2.864	94	148381	22.187	ug/l	99
6) Chloroethane	3.025	64	154996	19.864	ug/l	97
7) Trichlorofluoromethane	3.381	101	311457	19.971	ug/l	99
8) Diethyl Ether	3.827	74	143872	20.927	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.213	101	203513	21.336	ug/l	98
10) Methyl Iodide	4.422	142	271895	21.063	ug/l	97
11) Tert butyl alcohol	5.374	59	209573	94.893	ug/l #	83
12) 1,1-Dichloroethene	4.183	96	192542	20.493	ug/l	94
13) Acrolein	4.041	56	124176	69.296	ug/l	96
14) Allyl chloride	4.840	41	446075	20.941	ug/l	86
15) Acrylonitrile	5.554	53	735062	106.658	ug/l	99
16) Acetone	4.285	43	901464	104.695	ug/l	99
17) Carbon Disulfide	4.529	76	528498	20.607	ug/l	100
18) Methyl Acetate	4.854	43	507805	20.388	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	725647	20.797	ug/l	94
20) Methylene Chloride	5.095	84	242932	20.392	ug/l #	85
21) trans-1,2-Dichloroethene	5.599	96	208899	20.999	ug/l	85
22) Diisopropyl ether	6.495	45	914318	22.037	ug/l #	91
23) Vinyl Acetate	6.434	43	3409543	105.916	ug/l	95
24) 1,1-Dichloroethane	6.385	63	452113	21.016	ug/l	99
25) 2-Butanone	7.335	43	1124151	103.689	ug/l	91
26) 2,2-Dichloropropane	7.324	77	330077	19.449	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	253076	21.321	ug/l	87
28) Bromochloromethane	7.659	49	183924	17.482	ug/l #	75
29) Tetrahydrofuran	7.686	42	686528	106.135	ug/l	87
30) Chloroform	7.817	83	436201	21.017	ug/l	100
31) Cyclohexane	8.094	56	452426	21.615	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	354151	20.238	ug/l	96
36) 1,1-Dichloropropene	8.220	75	321258	21.761	ug/l	96
37) Ethyl Acetate	7.412	43	415788	21.728	ug/l	94
38) Carbon Tetrachloride	8.206	117	289951	20.568	ug/l	99
39) Methylcyclohexane	9.459	83	391943	21.929	ug/l	88
40) Benzene	8.458	78	1002639	22.152	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	212534	22.205	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	351152	20.641	ug/l	100
43) Isopropyl Acetate	8.560	43	637582	21.132	ug/l #	95
44) Trichloroethene	9.215	130	228970	21.291	ug/l	96
45) 1,2-Dichloropropane	9.488	63	275797	22.632	ug/l	98
46) Dibromomethane	9.577	93	163636	21.594	ug/l	95
47) Bromodichloromethane	9.759	83	329509	21.899	ug/l	100
48) Methyl methacrylate	9.558	41	310458	21.573	ug/l #	77
49) 1,4-Dioxane	9.569	88	91435	434.040	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	2063555	108.848	ug/l	96
52) Toluene	10.502	92	612411	22.354	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	340585	20.909	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	385719	21.890	ug/l	96
55) 1,1,2-Trichloroethane	10.896	97	239266	22.073	ug/l	97
56) Ethyl methacrylate	10.760	69	376990	21.049	ug/l	88
57) 1,3-Dichloropropane	11.044	76	420865	21.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	330877	85.482	ug/l	90
59) 2-Hexanone	11.084	43	1472941	106.541	ug/l	94
60) Dibromochloromethane	11.234	129	231307	21.871	ug/l	100
61) 1,2-Dibromoethane	11.344	107	230663	20.958	ug/l	99
64) Tetrachloroethene	10.974	164	206582	21.195	ug/l	96
65) Chlorobenzene	11.768	112	618515	21.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	219782	21.557	ug/l	99
67) Ethyl Benzene	11.843	91	1153904	22.052	ug/l	97
68) m/p-Xylenes	11.950	106	856739	44.980	ug/l	94
69) o-Xylene	12.278	106	416781	21.999	ug/l	93
70) Styrene	12.294	104	666845	22.239	ug/l	96
71) Bromoform	12.457	173	166120	21.954	ug/l #	99
73) Isopropylbenzene	12.578	105	1097438	20.872	ug/l	98
74) N-amyl acetate	12.388	43	414556	18.751	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	367599	20.288	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	310838m	20.264	ug/l	
77) Bromobenzene	12.860	156	251339	20.821	ug/l	79
78) n-propylbenzene	12.919	91	1238502	21.259	ug/l	97
79) 2-Chlorotoluene	13.004	91	775462	20.745	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	892957	21.193	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	92550	19.971	ug/l	96
82) 4-Chlorotoluene	13.104	91	740425	21.146	ug/l	93
83) tert-Butylbenzene	13.321	119	766916	20.671	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	857963	21.146	ug/l	98
85) sec-Butylbenzene	13.501	105	1072499	21.292	ug/l	97
86) p-Isopropyltoluene	13.613	119	840803	21.249	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	430418	21.299	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	410422	20.589	ug/l	97
89) n-Butylbenzene	13.940	91	652335	19.765	ug/l	97
90) Hexachloroethane	14.209	117	145504	21.167	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	416884	21.043	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56440	18.530	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	172968	18.530	ug/l	99
94) Hexachlorobutadiene	15.367	225	121985	22.486	ug/l	98
95) Naphthalene	15.507	128	397661	16.658	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	166262	19.140	ug/l	98

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

