

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070572.D
 Acq On : 11 Jan 2022 16:35
 Operator : JC/MD
 Sample : VN0111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 06:01:58 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	950423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1540310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1414585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	635820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	639977	46.832	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.660%		
35) Dibromofluoromethane	8.019	113	478440	51.337	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.680%		
50) Toluene-d8	10.438	98	1941162	50.987	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.980%		
62) 4-Bromofluorobenzene	12.728	95	714878	51.988	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	179497	16.654	ug/l	99
3) Chloromethane	2.303	50	257714	17.577	ug/l	98
4) Vinyl Chloride	2.451	62	232018	17.381	ug/l	100
5) Bromomethane	2.869	94	139752	20.284	ug/l	99
6) Chloroethane	3.028	64	151083	18.794	ug/l	99
7) Trichlorofluoromethane	3.384	101	296688	18.465	ug/l	94
8) Diethyl Ether	3.827	74	139892	19.751	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.218	101	195480m	19.892	ug/l	
10) Methyl Iodide	4.422	142	243969	18.344	ug/l	97
11) Tert butyl alcohol	5.364	59	170849	75.087	ug/l	100
12) 1,1-Dichloroethene	4.183	96	177966	18.386	ug/l	93
13) Acrolein	4.041	56	110558	59.885	ug/l	98
14) Allyl chloride	4.841	41	416498	18.978	ug/l	85
15) Acrylonitrile	5.554	53	693393	97.657	ug/l	98
16) Acetone	4.285	43	777359	87.630	ug/l	98
17) Carbon Disulfide	4.532	76	421020	15.934	ug/l	97
18) Methyl Acetate	4.854	43	473941	18.470	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	711226	19.785	ug/l	94
20) Methylene Chloride	5.093	84	227908	18.569	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	193229	18.854	ug/l	87
22) Diisopropyl ether	6.493	45	891332	20.852	ug/l #	90
23) Vinyl Acetate	6.431	43	3246574	97.892	ug/l	94
24) 1,1-Dichloroethane	6.385	63	427531	19.289	ug/l	98
25) 2-Butanone	7.332	43	1026032	91.860	ug/l	92
26) 2,2-Dichloropropane	7.324	77	313232	17.914	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	236354	19.327	ug/l	87
28) Bromochloromethane	7.657	49	230743	21.288	ug/l #	77
29) Tetrahydrofuran	7.681	42	632339	94.887	ug/l	87
30) Chloroform	7.815	83	404419	18.914	ug/l	99
31) Cyclohexane	8.094	56	424625	19.691	ug/l	88
32) 1,1,1-Trichloroethane	8.011	97	320353	17.769	ug/l	97
36) 1,1-Dichloropropene	8.220	75	297484	19.296	ug/l	97
37) Ethyl Acetate	7.410	43	389337	19.483	ug/l	96
38) Carbon Tetrachloride	8.204	117	253007	17.186	ug/l	98
39) Methylcyclohexane	9.456	83	375987	20.144	ug/l #	87
40) Benzene	8.459	78	938311	19.852	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	197355	19.744	ug/l	90
42) 1,2-Dichloroethane	8.528	62	322225	18.137	ug/l	100
43) Isopropyl Acetate	8.558	43	602214	19.114	ug/l #	95
44) Trichloroethene	9.215	130	214394	19.090	ug/l	91
45) 1,2-Dichloropropane	9.486	63	261723	20.566	ug/l	100
46) Dibromomethane	9.574	93	147713	18.666	ug/l	94
47) Bromodichloromethane	9.759	83	288439	18.357	ug/l	98
48) Methyl methacrylate	9.555	41	273659	18.209	ug/l #	85
49) 1,4-Dioxane	9.566	88	79106	359.588	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	1945157	98.251	ug/l	98
52) Toluene	10.502	92	570914	19.955	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	318565	18.728	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	367721	19.984	ug/l	98
55) 1,1,2-Trichloroethane	10.894	97	227160	20.068	ug/l	97
56) Ethyl methacrylate	10.757	69	375501	20.076	ug/l	88
57) 1,3-Dichloropropane	11.041	76	403054	20.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	459546	107.579	ug/l	90
59) 2-Hexanone	11.081	43	1418394	98.244	ug/l	96
60) Dibromochloromethane	11.234	129	201393	18.235	ug/l	98
61) 1,2-Dibromoethane	11.342	107	220275	19.165	ug/l	99
64) Tetrachloroethene	10.974	164	198171	19.346	ug/l	96
65) Chlorobenzene	11.768	112	591217	19.698	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.838	131	203346	18.978	ug/l	97
67) Ethyl Benzene	11.840	91	1119359	20.354	ug/l	95
68) m/p-Xylenes	11.950	106	828952	41.411	ug/l	92
69) o-Xylene	12.278	106	417189	20.953	ug/l	92
70) Styrene	12.291	104	676334	21.462	ug/l	97
71) Bromoform	12.455	173	154291	19.402	ug/l #	89
73) Isopropylbenzene	12.575	105	1082374	18.331	ug/l	100
74) N-amyl acetate	12.385	43	426846	17.193	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	349287	17.127	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	320838m	18.847	ug/l	
77) Bromobenzene	12.857	156	243429	17.958	ug/l	77
78) n-propylbenzene	12.919	91	1263853	19.319	ug/l	96
79) 2-Chlorotoluene	13.004	91	773043	18.416	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	893245	18.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	85752	16.478	ug/l	97
82) 4-Chlorotoluene	13.101	91	719720	18.304	ug/l	92
83) tert-Butylbenzene	13.321	119	794878	19.079	ug/l	96
84) 1,2,4-Trimethylbenzene	13.367	105	872758	19.155	ug/l	98
85) sec-Butylbenzene	13.498	105	1132150	20.015	ug/l	98
86) p-Isopropyltoluene	13.613	119	907785	20.430	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	432943	19.078	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	418363	18.690	ug/l	97
89) n-Butylbenzene	13.940	91	753349	20.327	ug/l	97
90) Hexachloroethane	14.206	117	129601	16.789	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	416394	18.717	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	55517	16.231	ug/l	92
93) 1,2,4-Trichlorobenzene	15.260	180	215744	20.582	ug/l	97
94) Hexachlorobutadiene	15.367	225	138387	22.716	ug/l	99
95) Naphthalene	15.501	128	568976	20.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	210692	21.493	ug/l	97

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

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