

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070315.D
 Acq On : 27 Dec 2021 17:40
 Operator : JC/MD
 Sample : VN1227MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Semsettin Yesilyurt 12/30/2021

Quant Time: Dec 28 01:40:32 2021
 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	8.086	168	1148913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1853275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1692066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	685996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	860723	52.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.20%			
35) Dibromofluoromethane	8.021	113	606525	54.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.18%			
50) Toluene-d8	10.440	98	2427693	53.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.00%			
62) 4-Bromofluorobenzene	12.731	95	860538	52.01	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.02%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	259103	19.89	ug/l	99
3) Chloromethane	2.306	50	326995	18.45	ug/l	99
4) Vinyl Chloride	2.448	62	301876	18.71	ug/l	100
5) Bromomethane	2.861	94	177770	21.34	ug/l	98
6) Chloroethane	3.025	64	178444	18.36	ug/l	95
7) Trichlorofluoromethane	3.379	101	364884	18.79	ug/l	95
8) Diethyl Ether	3.824	74	155448	18.16	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.213	101	235172	19.80	ug/l	94
10) Methyl Iodide	4.422	142	292947	18.22	ug/l	99
11) Tert butyl alcohol	5.374	59	260857	94.84	ug/l	98
12) 1,1-Dichloroethene	4.183	96	217501	18.59	ug/l	92
13) Acrolein	4.041	56	174835	78.34	ug/l	97
14) Allyl chloride	4.840	41	496194	18.70	ug/l	88
15) Acrylonitrile	5.554	53	807588	94.09	ug/l	99
16) Acetone	4.288	43	902724	84.18	ug/l	98
17) Carbon Disulfide	4.529	76	583708	18.28	ug/l	97
18) Methyl Acetate	4.856	43	567255	18.29	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	844108	19.43	ug/l	95
20) Methylene Chloride	5.098	84	268399	18.09	ug/l	90
21) trans-1,2-Dichloroethene	5.599	96	232879	18.80	ug/l	88
22) Diisopropyl ether	6.498	45	984659	19.06	ug/l	93
23) Vinyl Acetate	6.433	43	3868194	96.49	ug/l	95
24) 1,1-Dichloroethane	6.385	63	497858	18.58	ug/l	97
25) 2-Butanone	7.335	43	1217632	90.18	ug/l	92
26) 2,2-Dichloropropane	7.324	77	387748	18.34	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	279179	18.89	ug/l	86
28) Bromochloromethane	7.654	49	194285	14.83	ug/l #	78
29) Tetrahydrofuran	7.686	42	771860	95.81	ug/l	89
30) Chloroform	7.817	83	486260	18.81	ug/l	99
31) Cyclohexane	8.094	56	504692	19.36	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	413196	18.96	ug/l	97
36) 1,1-Dichloropropene	8.220	75	364927	19.67	ug/l	96
37) Ethyl Acetate	7.412	43	462437	19.23	ug/l	97
38) Carbon Tetrachloride	8.204	117	332377	18.76	ug/l	99
39) Methylcyclohexane	9.459	83	446148	19.87	ug/l	89
40) Benzene	8.458	78	1093579	19.23	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	247169	20.55	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	418318	19.57	ug/l	97
43) Isopropyl Acetate	8.560	43	723743	19.09	ug/l	95
44) Trichloroethene	9.215	130	257362	19.05	ug/l	91
45) 1,2-Dichloropropane	9.488	63	296970	19.39	ug/l	100
46) Dibromomethane	9.577	93	182895	19.21	ug/l	94
47) Bromodichloromethane	9.759	83	363173	19.21	ug/l	99
48) Methyl methacrylate	9.558	41	363980	20.13	ug/l #	80
49) 1,4-Dioxane	9.569	88	100840	380.97	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2349333	98.63	ug/l	96
52) Toluene	10.505	92	671386	19.50	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	388732	18.99	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	428562	19.36	ug/l	93
55) 1,1,2-Trichloroethane	10.896	97	260144	19.10	ug/l	97
56) Ethyl methacrylate	10.759	69	432120	19.20	ug/l	91
57) 1,3-Dichloropropane	11.044	76	464314	19.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	397195	82.49	ug/l	90
59) 2-Hexanone	11.084	43	1659510	95.53	ug/l	95
60) Dibromochloromethane	11.237	129	248185	18.68	ug/l	99
61) 1,2-Dibromoethane	11.344	107	264264	19.11	ug/l	99
64) Tetrachloroethene	10.977	164	238996	19.51	ug/l	96
65) Chlorobenzene	11.768	112	694648	19.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	243891	19.03	ug/l	100
67) Ethyl Benzene	11.843	91	1299319	19.75	ug/l	97
68) m/p-Xylenes	11.953	106	955963	39.92	ug/l	93
69) o-Xylene	12.280	106	469971	19.73	ug/l	92
70) Styrene	12.294	104	752047	19.95	ug/l	96
71) Bromoform	12.457	173	176127	18.52	ug/l #	99
73) Isopropylbenzene	12.578	105	1234842	19.38	ug/l	98
74) N-amyl acetate	12.387	43	478646	17.87	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	400269	18.20	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	384633m	20.64	ug/l	
77) Bromobenzene	12.859	156	280906	19.21	ug/l	79
78) n-propylbenzene	12.918	91	1387384	19.66	ug/l	96
79) 2-Chlorotoluene	13.007	91	861492	19.02	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1004655	19.68	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	101499	18.08	ug/l	95
82) 4-Chlorotoluene	13.104	91	815566	19.22	ug/l	93
83) tert-Butylbenzene	13.323	119	854550	19.01	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	973818	19.81	ug/l	97
85) sec-Butylbenzene	13.500	105	1192346	19.54	ug/l	97
86) p-Isopropyltoluene	13.616	119	937664	19.56	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	468986	19.16	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	452385	18.73	ug/l	96
89) n-Butylbenzene	13.943	91	728566	18.22	ug/l	97
90) Hexachloroethane	14.211	117	155335	18.65	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	456296	19.01	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	65360	17.71	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	194507	17.20	ug/l	98
94) Hexachlorobutadiene	15.370	225	130287	19.82	ug/l	99
95) Naphthalene	15.507	128	481799	16.66	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	190252	18.12	ug/l	99

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

