

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070343.D
 Acq On : 29 Dec 2021 12:39
 Operator : JC/MD
 Sample : VN1229MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229MBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/30/2021
 Supervised By : Mahesh Dadoda 12/30/2021

Quant Time: Dec 30 01:48:59 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	8.088	168	992727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1594871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1483179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	604257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	787555	55.176	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.360%			
35) Dibromofluoromethane	8.021	113	566851	58.742	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 117.480%			
50) Toluene-d8	10.443	98	2263932	57.431	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 114.860%			
62) 4-Bromofluorobenzene	12.731	95	792977	55.695	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	233156	20.710	ug/l	99
3) Chloromethane	2.303	50	310112	20.250	ug/l	99
4) Vinyl Chloride	2.448	62	273509	19.616	ug/l	98
5) Bromomethane	2.856	94	153266	21.297	ug/l	99
6) Chloroethane	3.022	64	161982	19.291	ug/l	96
7) Trichlorofluoromethane	3.376	101	328718	19.587	ug/l	99
8) Diethyl Ether	3.827	74	147980	20.002	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.207	101	215255	20.971	ug/l	96
10) Methyl Iodide	4.419	142	276898	19.933	ug/l	99
11) Tert butyl alcohol	5.385	59	250173	105.265	ug/l	98
12) 1,1-Dichloroethene	4.181	96	200101	19.791	ug/l	91
13) Acrolein	4.044	56	194420	100.822	ug/l	97
14) Allyl chloride	4.840	41	468936	20.457	ug/l	87
15) Acrylonitrile	5.556	53	811305	109.395	ug/l	99
16) Acetone	4.291	43	955076	103.076	ug/l	99
17) Carbon Disulfide	4.527	76	598810	21.698	ug/l	98
18) Methyl Acetate	4.859	43	566644	21.141	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	746335	19.877	ug/l	94
20) Methylene Chloride	5.092	84	255562	19.935	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	219690	20.522	ug/l	87
22) Diisopropyl ether	6.498	45	925590	20.731	ug/l #	93
23) Vinyl Acetate	6.436	43	3654307	105.491	ug/l	95
24) 1,1-Dichloroethane	6.388	63	466341	20.144	ug/l	98
25) 2-Butanone	7.337	43	1240761	106.351	ug/l	90
26) 2,2-Dichloropropane	7.327	77	361576	19.798	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	258369	20.227	ug/l	85
28) Bromochloromethane	7.656	49	213064	18.819	ug/l #	77
29) Tetrahydrofuran	7.689	42	778545	111.848	ug/l	87
30) Chloroform	7.817	83	457346	20.478	ug/l	96
31) Cyclohexane	8.094	56	461081	20.471	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	385008	20.445	ug/l	96
36) 1,1-Dichloropropene	8.222	75	335779	21.034	ug/l	96
37) Ethyl Acetate	7.415	43	456942	22.083	ug/l	95
38) Carbon Tetrachloride	8.206	117	330285	21.668	ug/l	98
39) Methylcyclohexane	9.459	83	401145	20.757	ug/l	87
40) Benzene	8.458	78	1035960	21.168	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	243065	23.485	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	382475	20.792	ug/l	97
43) Isopropyl Acetate	8.560	43	686531	21.044	ug/l #	95
44) Trichloroethene	9.217	130	240972	20.722	ug/l	91
45) 1,2-Dichloropropane	9.491	63	281621	21.372	ug/l	100
46) Dibromomethane	9.577	93	178353	21.767	ug/l	93
47) Bromodichloromethane	9.762	83	367242	22.572	ug/l	98
48) Methyl methacrylate	9.561	41	321222	20.643	ug/l #	83
49) 1,4-Dioxane	9.569	88	107026	469.859	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2304205	112.405	ug/l	96
52) Toluene	10.505	92	625551	21.117	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	378608	21.496	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	411567	21.601	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	247088	21.081	ug/l	97
56) Ethyl methacrylate	10.762	69	407135	21.023	ug/l	89
57) 1,3-Dichloropropane	11.044	76	438863	21.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	372525	88.243	ug/l	91
59) 2-Hexanone	11.084	43	1668770	111.632	ug/l	94
60) Dibromochloromethane	11.237	129	265227	23.193	ug/l	100
61) 1,2-Dibromoethane	11.344	107	253174	21.274	ug/l	99
64) Tetrachloroethene	10.977	164	217448	20.246	ug/l	95
65) Chlorobenzene	11.771	112	649156	20.628	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	240441	21.402	ug/l	99
67) Ethyl Benzene	11.846	91	1194467	20.716	ug/l	97
68) m/p-Xylenes	11.953	106	884368	42.136	ug/l	94
69) o-Xylene	12.280	106	427211	20.464	ug/l	93
70) Styrene	12.294	104	701420	21.228	ug/l	96
71) Bromoform	12.457	173	204165	24.487	ug/l #	100
73) Isopropylbenzene	12.578	105	1124892	20.047	ug/l	98
74) N-amyl acetate	12.390	43	452514	19.179	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	395632	20.464	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	314129m	19.334	ug/l	
77) Bromobenzene	12.859	156	259774	20.164	ug/l	77
78) n-propylbenzene	12.921	91	1274393	20.497	ug/l	96
79) 2-Chlorotoluene	13.007	91	796429	19.964	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	921199	20.486	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	114415	23.134	ug/l	97
82) 4-Chlorotoluene	13.106	91	758001	20.285	ug/l	92
83) tert-Butylbenzene	13.323	119	789748	19.946	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	882970	20.392	ug/l	99
85) sec-Butylbenzene	13.500	105	1092733	20.327	ug/l	97
86) p-Isopropyltoluene	13.616	119	856220	20.276	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	436271	20.229	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	419846	19.736	ug/l	97
89) n-Butylbenzene	13.943	91	677565	19.237	ug/l	98
90) Hexachloroethane	14.211	117	178393	24.317	ug/l	91
91) 1,2-Dichlorobenzene	13.989	146	419169	19.826	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	70449	21.672	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	188355	18.908	ug/l	98
94) Hexachlorobutadiene	15.370	225	126979	21.932	ug/l	99
95) Naphthalene	15.507	128	445246	17.388	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	181028	19.510	ug/l	98

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

