

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070208.D
 Acq On : 18 Dec 2021 12:32
 Operator : JC/MD
 Sample : VN1218MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/24/2021

Quant Time: Dec 19 08:43:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	997678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1642676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1500365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	620245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	772595	50.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.30%			
35) Dibromofluoromethane	8.021	113	539732	52.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.92%			
50) Toluene-d8	10.440	98	2080896	50.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.74%			
62) 4-Bromofluorobenzene	12.731	95	752831	50.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.60%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	183255	15.75	ug/l	98
3) Chloromethane	2.303	50	240910	16.53	ug/l	98
4) Vinyl Chloride	2.448	62	224104	16.72	ug/l	100
5) Bromomethane	2.858	94	133136	18.28	ug/l	98
6) Chloroethane	3.022	64	137891	16.79	ug/l	96
7) Trichlorofluoromethane	3.376	101	294461	16.74	ug/l	98
8) Diethyl Ether	3.824	74	133127	19.65	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.205	101	184875	18.75	ug/l	96
10) Methyl Iodide	4.419	142	222820	16.54	ug/l	99
11) Tert butyl alcohol	5.377	59	255078	87.60	ug/l	100
12) 1,1-Dichloroethene	4.178	96	175158	18.43	ug/l	89
13) Acrolein	4.041	56	187578	75.65	ug/l	97
14) Allyl chloride	4.838	41	410629	19.18	ug/l #	90
15) Acrylonitrile	5.559	53	759269	96.77	ug/l	99
16) Acetone	4.291	43	889784	96.02	ug/l	98
17) Carbon Disulfide	4.527	76	374701	15.26	ug/l	99
18) Methyl Acetate	4.857	43	531629	19.01	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	734803	19.89	ug/l	93
20) Methylene Chloride	5.093	84	220417	17.89	ug/l #	82
21) trans-1,2-Dichloroethene	5.597	96	181994	17.63	ug/l	88
22) Diisopropyl ether	6.498	45	882120	21.08	ug/l #	93
23) Vinyl Acetate	6.434	43	3458609	101.57	ug/l	95
24) 1,1-Dichloroethane	6.388	63	427051	19.70	ug/l	99
25) 2-Butanone	7.337	43	1199394	95.26	ug/l	90
26) 2,2-Dichloropropane	7.324	77	333920	19.81	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	232823	18.67	ug/l	83
28) Bromochloromethane	7.659	49	199599	17.70	ug/l #	76
29) Tetrahydrofuran	7.686	42	742458	97.12	ug/l	87
30) Chloroform	7.817	83	428219	19.56	ug/l	99
31) Cyclohexane	8.094	56	395096	18.43	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	348884	18.70	ug/l	95
36) 1,1-Dichloropropene	8.222	75	293728	18.78	ug/l	95
37) Ethyl Acetate	7.415	43	448962	19.29	ug/l #	93
38) Carbon Tetrachloride	8.206	117	277004	18.06	ug/l	99
39) Methylcyclohexane	9.459	83	335977	18.06	ug/l	89
40) Benzene	8.458	78	919512	19.24	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	227892	20.86	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	368541	19.10	ug/l	98
43) Isopropyl Acetate	8.560	43	677356	19.67	ug/l #	94
44) Trichloroethene	9.215	130	209516	18.36	ug/l	93
45) 1,2-Dichloropropane	9.491	63	257494	20.06	ug/l	98
46) Dibromomethane	9.574	93	162337	19.28	ug/l	92
47) Bromodichloromethane	9.762	83	316670	19.87	ug/l	99
48) Methyl methacrylate	9.561	41	311643	19.39	ug/l	87
49) 1,4-Dioxane	9.569	88	106588	369.57	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2272659	101.71	ug/l	95
52) Toluene	10.505	92	559687	19.18	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	327420	18.92	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	359214	19.14	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	229121	19.46	ug/l	96
56) Ethyl methacrylate	10.762	69	386844	18.90	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	412525	19.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	468245	90.70	ug/l	90
59) 2-Hexanone	11.087	43	1662936	98.38	ug/l	93
60) Dibromochloromethane	11.237	129	214013	18.53	ug/l	99
61) 1,2-Dibromoethane	11.344	107	229335	18.81	ug/l	100
64) Tetrachloroethene	10.977	164	184553	18.14	ug/l	94
65) Chlorobenzene	11.771	112	592307	19.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	211541	19.75	ug/l	99
67) Ethyl Benzene	11.843	91	1091383	19.74	ug/l	95
68) m/p-Xylenes	11.953	106	795568	39.52	ug/l	93
69) o-Xylene	12.280	106	397719	19.61	ug/l	91
70) Styrene	12.294	104	637170	19.82	ug/l	95
71) Bromoform	12.457	173	154218	18.64	ug/l #	99
73) Isopropylbenzene	12.578	105	1054376	19.11	ug/l	98
74) N-amyl acetate	12.388	43	459127	18.81	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	373922	19.59	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	340355m	19.13	ug/l	
77) Bromobenzene	12.860	156	237485	18.32	ug/l	75
78) n-propylbenzene	12.921	91	1160482	18.90	ug/l	96
79) 2-Chlorotoluene	13.007	91	737074	19.00	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	846099	19.05	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	90167	19.30	ug/l	92
82) 4-Chlorotoluene	13.104	91	698542	19.14	ug/l	91
83) tert-Butylbenzene	13.324	119	736423	18.72	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	815158	19.27	ug/l	98
85) sec-Butylbenzene	13.501	105	1017883	19.08	ug/l	98
86) p-Isopropyltoluene	13.616	119	792257	19.00	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	402650	18.91	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	382469	18.28	ug/l	95
89) n-Butylbenzene	13.943	91	614599	18.17	ug/l	98
90) Hexachloroethane	14.211	117	133319	18.21	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	395998	19.09	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	64066	18.58	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	173511	18.95	ug/l	99
94) Hexachlorobutadiene	15.370	225	110155	20.03	ug/l	100
95) Naphthalene	15.507	128	498299	19.11	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	176437	19.36	ug/l	98

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

