

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070130.D
 Acq On : 16 Dec 2021 11:54
 Operator : JC/MD
 Sample : VN1216MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 16 15:46:06 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	1064449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1708309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1583749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	642738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	812005	49.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.82%		
35) Dibromofluoromethane	8.021	113	552492	51.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.26%		
50) Toluene-d8	10.443	98	2224183	51.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.54%		
62) 4-Bromofluorobenzene	12.731	95	771789	49.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.16%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	277719	22.37	ug/l	98
3) Chloromethane	2.303	50	326145	20.97	ug/l	99
4) Vinyl Chloride	2.445	62	292233	20.43	ug/l	99
5) Bromomethane	2.853	94	162858	20.96	ug/l	98
6) Chloroethane	3.017	64	169419	19.33	ug/l	97
7) Trichlorofluoromethane	3.373	101	352937	18.80	ug/l	96
8) Diethyl Ether	3.824	74	150001	20.75	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	225487	21.43	ug/l	95
10) Methyl Iodide	4.417	142	284318	19.78	ug/l	99
11) Tert butyl alcohol	5.382	59	266253	85.70	ug/l	100
12) 1,1-Dichloroethene	4.178	96	205070	20.23	ug/l	90
13) Acrolein	4.038	56	348967	131.91	ug/l	98
14) Allyl chloride	4.838	41	465525	20.38	ug/l #	91
15) Acrylonitrile	5.556	53	814799	97.33	ug/l	98
16) Acetone	4.288	43	1044660	105.67	ug/l	97
17) Carbon Disulfide	4.524	76	516272	19.71	ug/l	100
18) Methyl Acetate	4.856	43	578596	19.39	ug/l	90
19) Methyl tert-butyl Ether	5.621	73	788033	19.99	ug/l	97
20) Methylene Chloride	5.090	84	257663	19.60	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	221987	20.16	ug/l	87
22) Diisopropyl ether	6.500	45	951329	21.30	ug/l #	93
23) Vinyl Acetate	6.436	43	3706622	102.02	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	479452	20.73	ug/l	98
25) 2-Butanone	7.340	43	1309062	97.45	ug/l	91
26) 2,2-Dichloropropane	7.324	77	358083	19.91	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	260649	19.59	ug/l	84
28) Bromochloromethane	7.659	49	245565	20.41	ug/l #	77
29) Tetrahydrofuran	7.689	42	812282	99.58	ug/l	87
30) Chloroform	7.820	83	475437	20.35	ug/l	99
31) Cyclohexane	8.094	56	486129	21.25	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	390984	19.65	ug/l	97
36) 1,1-Dichloropropene	8.222	75	344205	21.17	ug/l	96
37) Ethyl Acetate	7.415	43	467948	19.33	ug/l	95
38) Carbon Tetrachloride	8.206	117	314870	19.74	ug/l	99
39) Methylcyclohexane	9.459	83	421101	21.77	ug/l	88
40) Benzene	8.461	78	1054025	21.20	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070130.D
 Acq On : 16 Dec 2021 11:54
 Operator : JC/MD
 Sample : VN1216MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 16 15:46:06 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)
41) Methacrylonitrile	7.638	41	233827	20.58	ug/l	89
42) 1,2-Dichloroethane	8.531	62	413329	20.60	ug/l	97
43) Isopropyl Acetate	8.563	43	711992	19.88	ug/l #	94
44) Trichloroethene	9.217	130	241955	20.39	ug/l	88
45) 1,2-Dichloropropane	9.491	63	284800	21.34	ug/l	98
46) Dibromomethane	9.577	93	178162	20.35	ug/l	93
47) Bromodichloromethane	9.762	83	348291	21.01	ug/l	99
48) Methyl methacrylate	9.561	41	335565	20.07	ug/l #	83
49) 1,4-Dioxane	9.571	88	119043	396.90	ug/l #	78
51) 4-Methyl-2-Pentanone	10.333	43	2407302	103.60	ug/l	95
52) Toluene	10.505	92	646444	21.30	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	348484	19.30	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	395257	20.13	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	250954	20.49	ug/l	97
56) Ethyl methacrylate	10.762	69	405578	19.03	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	451362	20.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	413276	79.76	ug/l	91
59) 2-Hexanone	11.087	43	1750813	99.60	ug/l	92
60) Dibromochloromethane	11.240	129	229917	19.07	ug/l	100
61) 1,2-Dibromoethane	11.347	107	251071	19.80	ug/l	100
64) Tetrachloroethene	10.979	164	221503	20.63	ug/l	95
65) Chlorobenzene	11.771	112	660492	20.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	224912	19.89	ug/l	99
67) Ethyl Benzene	11.846	91	1236104	21.18	ug/l	95
68) m/p-Xylenes	11.956	106	904096	42.55	ug/l	92
69) o-Xylene	12.283	106	438979	20.51	ug/l	91
70) Styrene	12.296	104	708259	20.87	ug/l	96
71) Bromoform	12.460	173	161378	18.50	ug/l #	99
73) Isopropylbenzene	12.581	105	1158552	20.26	ug/l	97
74) N-amyl acetate	12.390	43	460592	18.21	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	392389	19.84	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	347834m	18.87	ug/l	
77) Bromobenzene	12.862	156	264810	19.71	ug/l	78
78) n-propylbenzene	12.921	91	1311020	20.60	ug/l	96
79) 2-Chlorotoluene	13.010	91	816190	20.30	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	947866	20.59	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	91321	18.96	ug/l	88
82) 4-Chlorotoluene	13.106	91	771191	20.39	ug/l	92
83) tert-Butylbenzene	13.326	119	807714	19.82	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	922278	21.04	ug/l	96
85) sec-Butylbenzene	13.503	105	1127853	20.40	ug/l	97
86) p-Isopropyltoluene	13.616	119	889499	20.58	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	449058	20.35	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	424833	19.59	ug/l	96
89) n-Butylbenzene	13.943	91	691156	19.72	ug/l	97
90) Hexachloroethane	14.211	117	139352	18.37	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	434257	20.20	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	64132	17.95	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	183087	19.24	ug/l	98
94) Hexachlorobutadiene	15.370	225	121672	21.35	ug/l	98
95) Naphthalene	15.509	128	460905	17.49	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	181549	19.24	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070130.D
Acq On : 16 Dec 2021 11:54
Operator : JC/MD
Sample : VN1216MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

Quant Time: Dec 16 15:46:06 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)
----------	------	------	----------	------	-------	----------

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

