

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071254.D
 Acq On : 11 Mar 2022 17:47
 Operator : JC\MD
 Sample : VN0311MBS02
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 12 02:14:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	698811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1152826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1016790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	410777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	439462	45.885	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.780%		
35) Dibromofluoromethane	8.022	113	326651	44.902	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.800%		
50) Toluene-d8	10.439	98	1308443	44.672	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.340%		
62) 4-Bromofluorobenzene	12.727	95	443661	44.731	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	129029	16.847	ug/l	97
3) Chloromethane	2.299	50	179423	17.428	ug/l	98
4) Vinyl Chloride	2.440	62	162070	17.267	ug/l	99
5) Bromomethane	2.846	94	92910	18.390	ug/l	100
6) Chloroethane	3.010	64	101677	17.888	ug/l	96
7) Trichlorofluoromethane	3.369	101	216064	17.490	ug/l	99
8) Diethyl Ether	3.822	74	93705	17.725	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	125553	17.556	ug/l	94
10) Methyl Iodide	4.422	142	166195	16.453	ug/l	98
11) Tert butyl alcohol	5.363	59	182630	97.068	ug/l	99
12) 1,1-Dichloroethene	4.181	96	122187	17.441	ug/l	96
13) Acrolein	4.040	56	94999	47.704	ug/l	99
14) Allyl chloride	4.840	41	261893	17.187	ug/l	88
15) Acrylonitrile	5.546	53	501889	89.837	ug/l	99
16) Acetone	4.287	43	433065	92.931	ug/l	97
17) Carbon Disulfide	4.528	76	302768	15.180	ug/l	100
18) Methyl Acetate	4.846	43	255234	20.672	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	493604	18.766	ug/l	97
20) Methylene Chloride	5.093	84	151685	18.055	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	132085	17.237	ug/l	95
22) Diisopropyl ether	6.493	45	543004	18.088	ug/l	97
23) Vinyl Acetate	6.428	43	2331799	91.753	ug/l	97
24) 1,1-Dichloroethane	6.387	63	279656	17.630	ug/l	99
25) 2-Butanone	7.334	43	704152	93.801	ug/l	97
26) 2,2-Dichloropropane	7.322	77	227822	18.616	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	162208	17.835	ug/l	89
28) Bromochloromethane	7.657	49	116320	16.467	ug/l	83
29) Tetrahydrofuran	7.681	42	481475	92.581	ug/l	93
30) Chloroform	7.816	83	274772	18.162	ug/l	97
31) Cyclohexane	8.092	56	262518	17.164	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	236059	18.317	ug/l	97
36) 1,1-Dichloropropene	8.222	75	201066	17.250	ug/l	97
37) Ethyl Acetate	7.410	43	287344	17.913	ug/l	97
38) Carbon Tetrachloride	8.204	117	197256	17.496	ug/l	99
39) Methylcyclohexane	9.457	83	239304	17.452	ug/l	95
40) Benzene	8.457	78	626021	17.826	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071254.D
 Acq On : 11 Mar 2022 17:47
 Operator : JC\MD
 Sample : VN0311MBS02
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 12 02:14:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	145814	18.574	ug/l	89
42) 1,2-Dichloroethane	8.528	62	227011	18.576	ug/l	99
43) Isopropyl Acetate	8.557	43	470133	19.599	ug/l	93
44) Trichloroethene	9.216	130	148610	17.935	ug/l	100
45) 1,2-Dichloropropane	9.486	63	168487	17.873	ug/l	98
46) Dibromomethane	9.575	93	103670	17.867	ug/l	97
47) Bromodichloromethane	9.757	83	207445	17.691	ug/l	99
48) Methyl methacrylate	9.557	41	204172	18.366	ug/l #	83
49) 1,4-Dioxane	9.563	88	75232	389.341	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	1391772	93.488	ug/l	99
52) Toluene	10.504	92	385177	17.812	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	228710	17.694	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	251403	17.800	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	152987	17.655	ug/l	98
56) Ethyl methacrylate	10.757	69	254903	18.013	ug/l	91
57) 1,3-Dichloropropane	11.039	76	274752	17.665	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	334361	127.794	ug/l	95
59) 2-Hexanone	11.080	43	1015462	99.970	ug/l	99
60) Dibromochloromethane	11.233	129	152335	17.693	ug/l	98
61) 1,2-Dibromoethane	11.339	107	154347	17.428	ug/l	99
64) Tetrachloroethene	10.975	164	128931	18.181	ug/l	96
65) Chlorobenzene	11.769	112	395547	18.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	146820	18.337	ug/l	99
67) Ethyl Benzene	11.839	91	714029	18.494	ug/l	96
68) m/p-Xylenes	11.951	106	541747	38.356	ug/l	98
69) o-Xylene	12.275	106	270838	19.130	ug/l	97
70) Styrene	12.292	104	426451	19.459	ug/l	97
71) Bromoform	12.457	173	111491	18.336	ug/l #	100
73) Isopropylbenzene	12.575	105	695894	17.574	ug/l	99
74) N-amyl acetate	12.380	43	289530	19.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	247647	19.482	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	221812m	20.621	ug/l	
77) Bromobenzene	12.857	156	158455	17.160	ug/l	78
78) n-propylbenzene	12.916	91	751005	17.674	ug/l	98
79) 2-Chlorotoluene	13.004	91	474750	17.405	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	554572	18.001	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	71361	18.779	ug/l	95
82) 4-Chlorotoluene	13.098	91	436335	17.959	ug/l	96
83) tert-Butylbenzene	13.322	119	504262	18.341	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	552009	18.707	ug/l	98
85) sec-Butylbenzene	13.498	105	664288	18.178	ug/l	99
86) p-Isopropyltoluene	13.610	119	542186	18.866	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	264965	17.660	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	255194	17.401	ug/l	96
89) n-Butylbenzene	13.939	91	413541	18.398	ug/l	97
90) Hexachloroethane	14.204	117	96936	16.961	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	263327	18.256	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	45011	19.536	ug/l	89
93) 1,2,4-Trichlorobenzene	15.257	180	122417	20.086	ug/l	98
94) Hexachlorobutadiene	15.363	225	74043	18.285	ug/l	96
95) Naphthalene	15.504	128	397931	24.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	125468	21.124	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
Data File : VN071254.D
Acq On : 11 Mar 2022 17:47
Operator : JC\MD
Sample : VN0311MBSD02
Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/14/2022
Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 12 02:14:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

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

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

