

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079980.D
 Acq On : 07 Nov 2023 21:21
 Operator : JC\MD
 Sample : VN1107MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

Quant Time: Nov 08 04:37:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	316530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	559833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	283532	58.794	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.580%			
35) Dibromofluoromethane	8.171	113	220309	55.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.200%			
50) Toluene-d8	10.571	98	811030	55.601	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.200%			
62) 4-Bromofluorobenzene	12.853	95	278901	57.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	73043	19.158	ug/l	99
3) Chloromethane	2.359	50	102783	20.819	ug/l	99
4) Vinyl Chloride	2.512	62	104700	20.979	ug/l	95
5) Bromomethane	2.959	94	42744	14.096	ug/l	99
6) Chloroethane	3.118	64	48212	12.226	ug/l	98
7) Trichlorofluoromethane	3.500	101	138177	22.260	ug/l	99
8) Diethyl Ether	3.965	74	56426	23.954	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	73766	20.499	ug/l	99
10) Methyl Iodide	4.595	142	82546	20.088	ug/l	98
11) Tert butyl alcohol	5.524	59	61552	99.986	ug/l	97
12) 1,1-Dichloroethene	4.342	96	65828	19.321	ug/l #	82
13) Acrolein	4.183	56	48779	90.528	ug/l	96
14) Allyl chloride	5.024	41	105965	20.306	ug/l #	92
15) Acrylonitrile	5.724	53	210287	109.614	ug/l	99
16) Acetone	4.430	43	176250	104.048	ug/l	92
17) Carbon Disulfide	4.712	76	176674	17.977	ug/l	96
18) Methyl Acetate	5.030	43	181284	22.369	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	248704	21.202	ug/l #	88
20) Methylene Chloride	5.277	84	89125	20.852	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	75959	19.990	ug/l #	81
22) Diisopropyl ether	6.671	45	277790	22.971	ug/l #	88
23) Vinyl Acetate	6.606	43	688064	103.149	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	158458	21.558	ug/l	98
25) 2-Butanone	7.488	43	277392	111.828	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	115619	19.020	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	89487	19.688	ug/l	84
28) Bromochloromethane	7.818	49	86530	24.156	ug/l #	75
29) Tetrahydrofuran	7.841	42	180399	111.781	ug/l #	75
30) Chloroform	7.971	83	168538	21.109	ug/l	95
31) Cyclohexane	8.259	56	126480	19.848	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	139680	21.471	ug/l	97
36) 1,1-Dichloropropene	8.377	75	116292	20.556	ug/l	95
37) Ethyl Acetate	7.565	43	113263	21.829	ug/l #	92
38) Carbon Tetrachloride	8.365	117	118679	20.815	ug/l	98
39) Methylcyclohexane	9.606	83	105442	19.804	ug/l #	85
40) Benzene	8.612	78	354334	20.911	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079980.D
 Acq On : 07 Nov 2023 21:21
 Operator : JC\MD
 Sample : VN1107MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

Quant Time: Nov 08 04:37:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59770	21.693	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	132990	22.469	ug/l	97
43) Isopropyl Acetate	8.694	43	192269	21.130	ug/l #	90
44) Trichloroethene	9.359	130	83844	19.940	ug/l	99
45) 1,2-Dichloropropane	9.624	63	94525	21.828	ug/l	98
46) Dibromomethane	9.712	93	62610	21.175	ug/l	95
47) Bromodichloromethane	9.894	83	133922	21.237	ug/l	96
48) Methyl methacrylate	9.688	41	91094	22.856	ug/l #	77
49) 1,4-Dioxane	9.694	88	30731	436.369	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	594452	116.041	ug/l	90
52) Toluene	10.635	92	215262	21.428	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	126453	20.455	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	136814	20.304	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	88962	22.017	ug/l	94
56) Ethyl methacrylate	10.876	69	122565	21.266	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	157019	22.047	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	306931	105.074	ug/l	90
59) 2-Hexanone	11.200	43	418116	106.692	ug/l	88
60) Dibromochloromethane	11.365	129	91400	21.133	ug/l	100
61) 1,2-Dibromoethane	11.471	107	84612	20.864	ug/l	100
64) Tetrachloroethene	11.106	164	70913	21.601	ug/l	99
65) Chlorobenzene	11.894	112	223063	20.287	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	83844	21.164	ug/l	98
67) Ethyl Benzene	11.965	91	394930	20.615	ug/l	96
68) m/p-Xylenes	12.076	106	293886	41.182	ug/l	92
69) o-Xylene	12.400	106	143459	20.876	ug/l	93
70) Styrene	12.418	104	234740	21.256	ug/l	96
71) Bromoform	12.582	173	58956	20.958	ug/l #	95
73) Isopropylbenzene	12.700	105	352107	20.205	ug/l	100
74) N-amyl acetate	12.500	43	150167	19.742	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	130552	21.129	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	101138m	18.761	ug/l	
77) Bromobenzene	12.982	156	87025	20.397	ug/l	90
78) n-propylbenzene	13.041	91	422270	21.160	ug/l	98
79) 2-Chlorotoluene	13.129	91	269823	21.165	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	295203	21.773	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35408	17.871	ug/l #	82
82) 4-Chlorotoluene	13.223	91	267847	21.143	ug/l	98
83) tert-Butylbenzene	13.441	119	245275	22.100	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	292362	21.917	ug/l	99
85) sec-Butylbenzene	13.623	105	337952	21.979	ug/l	100
86) p-Isopropyltoluene	13.735	119	266200	21.234	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	159268	20.067	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	159488	19.797	ug/l	99
89) n-Butylbenzene	14.059	91	220365	20.409	ug/l	97
90) Hexachloroethane	14.335	117	52210	21.029	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	152787	20.392	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23820	22.733	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	71913	20.186	ug/l	99
94) Hexachlorobutadiene	15.506	225	34208	21.181	ug/l	98
95) Naphthalene	15.647	128	221352	18.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	71105	20.361	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
Data File : VN079980.D
Acq On : 07 Nov 2023 21:21
Operator : JC\MD
Sample : VN1107MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1107MBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

Quant Time: Nov 08 04:37:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

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

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

