

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070091.D
 Acq On : 15 Dec 2021 00:21
 Operator : JC/MD
 Sample : VN1214MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 05:26:34 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	1006403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1683150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1524017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	621977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	835822	53.789	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.580%			
35) Dibromofluoromethane	8.021	113	570415	54.104	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.200%			
50) Toluene-d8	10.440	98	2218950	52.416	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.731	95	777169	50.675	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	203188	17.310	ug/l	99
3) Chloromethane	2.303	50	263045	17.887	ug/l	99
4) Vinyl Chloride	2.448	62	241985	17.896	ug/l	99
5) Bromomethane	2.856	94	135979	18.510	ug/l	100
6) Chloroethane	3.019	64	149713	18.068	ug/l	95
7) Trichlorofluoromethane	3.376	101	306884	17.292	ug/l	98
8) Diethyl Ether	3.821	74	132386	19.368	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	186822	18.780	ug/l	96
10) Methyl Iodide	4.422	142	243501	17.917	ug/l	97
11) Tert butyl alcohol	5.377	59	255365	86.941	ug/l	99
12) 1,1-Dichloroethene	4.181	96	177386	18.504	ug/l	91
13) Acrolein	4.041	56	223482	89.346	ug/l	99
14) Allyl chloride	4.838	41	405846	18.788	ug/l #	90
15) Acrylonitrile	5.554	53	742079	93.759	ug/l	99
16) Acetone	4.288	43	708822	75.831	ug/l	97
17) Carbon Disulfide	4.529	76	382047	15.426	ug/l	99
18) Methyl Acetate	4.857	43	536287	19.008	ug/l #	90
19) Methyl tert-butyl Ether	5.621	73	726864	19.500	ug/l	97
20) Methylene Chloride	5.093	84	229996	18.509	ug/l	88
21) trans-1,2-Dichloroethene	5.591	96	190285	18.275	ug/l	89
22) Diisopropyl ether	6.498	45	883382	20.922	ug/l	94
23) Vinyl Acetate	6.434	43	3372132	98.170	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	433676	19.829	ug/l	98
25) 2-Butanone	7.337	43	1097504	86.415	ug/l	90
26) 2,2-Dichloropropane	7.324	77	270192	15.889	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	237603	18.887	ug/l	86
28) Bromochloromethane	7.657	49	239567	21.064	ug/l #	76
29) Tetrahydrofuran	7.689	42	728303	94.438	ug/l #	86
30) Chloroform	7.817	83	434211	19.658	ug/l	100
31) Cyclohexane	8.094	56	405578	18.755	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	346311	18.406	ug/l	95
36) 1,1-Dichloropropene	8.222	75	299926	18.718	ug/l	96
37) Ethyl Acetate	7.412	43	438952	18.406	ug/l #	90
38) Carbon Tetrachloride	8.206	117	273715	17.420	ug/l	99
39) Methylcyclohexane	9.462	83	340903	17.887	ug/l	88
40) Benzene	8.458	78	945297	19.301	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070091.D
 Acq On : 15 Dec 2021 00:21
 Operator : JC/MD
 Sample : VN1214MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 05:26:34 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	7.635	41	221062	19.746	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	381188	19.280	ug/l	97
43) Isopropyl Acetate	8.563	43	670119	18.988	ug/l #	93
44) Trichloroethene	9.217	130	213989	18.306	ug/l	90
45) 1,2-Dichloropropane	9.491	63	260833	19.832	ug/l	99
46) Dibromomethane	9.577	93	161733	18.751	ug/l	94
47) Bromodichloromethane	9.762	83	310219	18.996	ug/l	99
48) Methyl methacrylate	9.558	41	309846	18.813	ug/l	86
49) 1,4-Dioxane	9.572	88	102376	346.429	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2223260	97.108	ug/l	95
52) Toluene	10.505	92	573542	19.181	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	310170	17.701	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	348865	18.243	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	235439	19.515	ug/l	98
56) Ethyl methacrylate	10.760	69	376385	18.060	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	417617	19.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	385094	76.426	ug/l	90
59) 2-Hexanone	11.084	43	1563948	90.302	ug/l	92
60) Dibromochloromethane	11.237	129	205618	17.527	ug/l	99
61) 1,2-Dibromoethane	11.344	107	227930	18.240	ug/l	100
64) Tetrachloroethene	10.977	164	191179	18.500	ug/l	94
65) Chlorobenzene	11.771	112	599598	19.393	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	205808	18.913	ug/l	99
67) Ethyl Benzene	11.843	91	1094840	19.495	ug/l	96
68) m/p-Xylenes	11.953	106	793688	38.813	ug/l	91
69) o-Xylene	12.280	106	397874	19.317	ug/l	91
70) Styrene	12.294	104	639981	19.594	ug/l	95
71) Bromoform	12.457	173	144104	17.368	ug/l #	100
73) Isopropylbenzene	12.578	105	1045221	18.888	ug/l	98
74) N-amyl acetate	12.388	43	440463	17.998	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	370778	19.376	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	332323m	18.631	ug/l	
77) Bromobenzene	12.860	156	240560	18.507	ug/l	77
78) n-propylbenzene	12.921	91	1166812	18.948	ug/l	96
79) 2-Chlorotoluene	13.007	91	740088	19.020	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	847939	19.037	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	74161	16.563	ug/l #	81
82) 4-Chlorotoluene	13.104	91	696120	19.024	ug/l	91
83) tert-Butylbenzene	13.324	119	747306	18.948	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	833937	19.660	ug/l	96
85) sec-Butylbenzene	13.501	105	1001080	18.713	ug/l	97
86) p-Isopropyltoluene	13.616	119	784144	18.752	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	399598	18.713	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	388082	18.493	ug/l	96
89) n-Butylbenzene	13.943	91	600854	17.714	ug/l	97
90) Hexachloroethane	14.209	117	121844	16.596	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	399137	19.183	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	57888	16.741	ug/l	76
93) 1,2,4-Trichlorobenzene	15.263	180	159959	17.651	ug/l	98
94) Hexachlorobutadiene	15.370	225	105240	19.086	ug/l	98
95) Naphthalene	15.507	128	421574	16.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	159345	17.677	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070091.D
 Acq On : 15 Dec 2021 00:21
 Operator : JC/MD
 Sample : VN1214MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN1214MBS02

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 05:26:34 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

