

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012219\
 Data File : VN053512.D
 Acq On : 22 Jan 2019 12:04
 Operator : JC/SP
 Sample : VN0122MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:00:39 AM

Quant Time: Jan 23 03:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	721955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1061963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	950246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	466723	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	363625	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.59	113	330031	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
50) Toluene-d8	10.09	98	1318126	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.40	95	448699	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	120018	20.677	ug/l	98
3) Chloromethane	2.06	50	159220	19.185	ug/l	99
4) Vinyl Chloride	2.19	62	162429	20.304	ug/l	99
5) Bromomethane	2.57	94	116212	21.172	ug/l	97
6) Chloroethane	2.71	64	102462	21.184	ug/l	98
7) Trichlorofluoromethane	3.03	101	226356	21.632	ug/l	99
8) Diethyl Ether	3.41	74	84613	21.530	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144727	21.839	ug/l	98
10) Methyl Iodide	3.96	142	206996	20.440	ug/l	100
11) Tert butyl alcohol	4.77	59	40852	116.997	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	135431	21.070	ug/l	97
13) Acrolein	3.61	56	61885	105.305	ug/l	99
14) Allyl chloride	4.33	41	228747	21.909	ug/l	100
15) Acrylonitrile	4.98	53	244327	106.325	ug/l	99
16) Acetone	3.81	43	173948	103.900	ug/l	100
17) Carbon Disulfide	4.06	76	375225	19.304	ug/l	100
18) Methyl Acetate	4.32	43	121895	21.610	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	377587	22.109	ug/l	98
20) Methylene Chloride	4.55	84	158577	20.746	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	148566	21.619	ug/l	99
22) Diisopropyl ether	5.95	45	483233	22.171	ug/l	98
23) Vinyl Acetate	5.90	43	1460239	108.988	ug/l	99
24) 1,1-Dichloroethane	5.85	63	284648	22.092	ug/l	100
25) 2-Butanone	6.83	43	273693	106.085	ug/l	99
26) 2,2-Dichloropropane	6.83	77	211200	21.710	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	172456	21.946	ug/l	100
28) Bromochloromethane	7.19	49	108510	19.116	ug/l	96
29) Tetrahydrofuran	7.21	42	179622	106.946	ug/l	99
30) Chloroform	7.37	83	278024	22.147	ug/l	100
31) Cyclohexane	7.65	56	264015	20.925	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	233645	21.940	ug/l	100
36) 1,1-Dichloropropene	7.79	75	215325	22.264	ug/l	99
37) Ethyl Acetate	6.92	43	120470	21.651	ug/l	99
38) Carbon Tetrachloride	7.77	117	203064	22.178	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012219\
 Data File : VN053512.D
 Acq On : 22 Jan 2019 12:04
 Operator : JC/SP
 Sample : VN0122MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:00:39 AM

Quant Time: Jan 23 03:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	258664	21.639	ug/l	99
40) Benzene	8.04	78	649385	22.096	ug/l	100
41) Methacrylonitrile	7.17	41	67814	20.904	ug/l	93
42) 1,2-Dichloroethane	8.12	62	192725	22.509	ug/l	99
43) Isopropyl Acetate	8.16	43	227891	22.777	ug/l	99
44) Trichloroethene	8.83	130	183816	22.553	ug/l	98
45) 1,2-Dichloropropane	9.12	63	176075	22.619	ug/l	99
46) Dibromomethane	9.21	93	96434	21.562	ug/l	97
47) Bromodichloromethane	9.40	83	209692	22.295	ug/l	99
48) Methyl methacrylate	9.20	41	109519	21.200	ug/l	98
49) 1,4-Dioxane	9.20	88	24625	488.092	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	596769	109.263	ug/l	100
52) Toluene	10.15	92	402793	22.076	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	205600	21.566	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	251969	22.546	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	139167	22.123	ug/l	98
56) Ethyl methacrylate	10.43	69	173169	20.657	ug/l	98
57) 1,3-Dichloropropane	10.71	76	243585	22.385	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	434581	98.752	ug/l	99
59) 2-Hexanone	10.75	43	406388	105.993	ug/l	99
60) Dibromochloromethane	10.90	129	158180	22.170	ug/l	99
61) 1,2-Dibromoethane	11.00	107	135841	21.352	ug/l	100
64) Tetrachloroethene	10.63	164	207659	23.189	ug/l	98
65) Chlorobenzene	11.43	112	446229	22.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	159034	22.728	ug/l	99
67) Ethyl Benzene	11.51	91	750741	21.901	ug/l	100
68) m/p-Xylenes	11.62	106	581475	44.929	ug/l	99
69) o-Xylene	11.95	106	283180	22.518	ug/l	99
70) Styrene	11.96	104	460890	22.582	ug/l	100
71) Bromoform	12.13	173	105324	21.864	ug/l #	98
73) Isopropylbenzene	12.25	105	747902	21.882	ug/l	100
74) N-amyl acetate	12.07	43	189228	20.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	147285	20.547	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	131135m	21.321	ug/l	
77) Bromobenzene	12.53	156	195875	21.749	ug/l	99
78) n-propylbenzene	12.59	91	860458	21.932	ug/l	100
79) 2-Chlorotoluene	12.67	91	502753	21.619	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	626284	22.521	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45348	20.247	ug/l	95
82) 4-Chlorotoluene	12.77	91	522868	22.048	ug/l	99
83) tert-Butylbenzene	12.99	119	553967	22.555	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	631130	22.509	ug/l	99
85) sec-Butylbenzene	13.17	105	748447	22.219	ug/l	100
86) p-Isopropyltoluene	13.29	119	654602	22.381	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	346749	21.888	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	341447	21.487	ug/l	99
89) n-Butylbenzene	13.61	91	546649	21.927	ug/l	100
90) Hexachloroethane	13.87	117	100725	21.959	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	336019	23.055	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21606	23.772	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012219\
Data File : VN053512.D
Acq On : 22 Jan 2019 12:04
Operator : JC/SP
Sample : VN0122MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

Manual Integrations
APPROVED

MMDadoda
1/23/2019 11:00:39 AM

Quant Time: Jan 23 03:11:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	152079	25.107	ug/l	100
94) Hexachlorobutadiene	15.01	225	115211	25.340	ug/l	98
95) Naphthalene	15.13	128	238481	23.411	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	109882	25.433	ug/l	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012219\
 Data File : VN053512.D
 Acq On : 22 Jan 2019 12:04
 Operator : JC/SP
 Sample : VN0122MBS01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0122MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:00:39 AM

Quant Time: Jan 23 03:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

