

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
 Data File : VN059558.D
 Acq On : 11 Dec 2019 13:43
 Operator : JC/SP
 Sample : VN1211MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211MBS01

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:25:32 AM

Quant Time: Dec 12 01:07:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	290061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	470698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	521310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	222865	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
35) Dibromofluoromethane	7.57	113	155571	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	10.08	98	589979	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.40	95	213348	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	62880	18.795	ug/l	100
3) Chloromethane	2.04	50	99840	19.714	ug/l	98
4) Vinyl Chloride	2.17	62	100164	20.066	ug/l	100
5) Bromomethane	2.55	94	60255	19.818	ug/l	99
6) Chloroethane	2.68	64	59166	19.849	ug/l	98
7) Trichlorofluoromethane	3.00	101	121021	20.281	ug/l	99
8) Diethyl Ether	3.38	74	47177	23.069	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	69834	22.487	ug/l	95
10) Methyl Iodide	3.92	142	101027	24.025	ug/l	94
11) Tert butyl alcohol	4.76	59	65715	97.984	ug/l	100
12) 1,1-Dichloroethene	3.71	96	67101	22.226	ug/l	89
13) Acrolein	3.58	56	54340	166.498	ug/l	98
14) Allyl chloride	4.29	41	110544	19.035	ug/l	98
15) Acrylonitrile	4.95	53	176523	99.794	ug/l	99
16) Acetone	3.79	43	167162	88.269	ug/l	91
17) Carbon Disulfide	4.02	76	226932	23.427	ug/l	99
18) Methyl Acetate	4.29	43	96436	19.396	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	208967	20.823	ug/l	99
20) Methylene Chloride	4.52	84	70129	20.387	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	63077	19.467	ug/l	94
22) Diisopropyl ether	5.91	45	230274	20.828	ug/l	95
23) Vinyl Acetate	5.86	43	955667	103.624	ug/l	100
24) 1,1-Dichloroethane	5.82	63	129903	20.695	ug/l	98
25) 2-Butanone	6.81	43	244511	95.921	ug/l	100
26) 2,2-Dichloropropane	6.80	77	113154	19.954	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	73233	20.094	ug/l	100
28) Bromochloromethane	7.17	49	55060	24.654	ug/l	100
29) Tetrahydrofuran	7.18	42	167537	94.488	ug/l	100
30) Chloroform	7.35	83	126236	20.377	ug/l	99
31) Cyclohexane	7.63	56	114411	18.729	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	108926	19.820	ug/l	99
36) 1,1-Dichloropropene	7.77	75	95063	19.685	ug/l	99
37) Ethyl Acetate	6.90	43	106545	19.875	ug/l	100
38) Carbon Tetrachloride	7.75	117	95025	19.963	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
 Data File : VN059558.D
 Acq On : 11 Dec 2019 13:43
 Operator : JC/SP
 Sample : VN1211MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1211MBS01

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:25:32 AM

Quant Time: Dec 12 01:07:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	103621	19.129	ug/l	95
40) Benzene	8.02	78	274903	19.927	ug/l	98
41) Methacrylonitrile	7.15	41	45015m	19.181	ug/l	
42) 1,2-Dichloroethane	8.10	62	110378	21.474	ug/l	100
43) Isopropyl Acetate	8.14	43	169577	20.342	ug/l	99
44) Trichloroethene	8.82	130	73768	21.166	ug/l	98
45) 1,2-Dichloropropane	9.10	63	74908	20.497	ug/l	99
46) Dibromomethane	9.19	93	49336	20.427	ug/l	97
47) Bromodichloromethane	9.39	83	100664	20.971	ug/l	99
48) Methyl methacrylate	9.18	41	74898	20.548	ug/l	99
49) 1,4-Dioxane	9.19	88	20853	447.148	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	511770	96.122	ug/l	99
52) Toluene	10.14	92	166825	20.296	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	111584	19.952	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	118487	20.700	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	68079	20.478	ug/l	99
56) Ethyl methacrylate	10.42	69	95552	18.102	ug/l	99
57) 1,3-Dichloropropane	10.70	76	119123	20.981	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	170072	124.879	ug/l	99
59) 2-Hexanone	10.74	43	372911	93.574	ug/l	98
60) Dibromochloromethane	10.90	129	73689	19.231	ug/l	98
61) 1,2-Dibromoethane	11.00	107	70675	20.421	ug/l	98
64) Tetrachloroethene	10.62	164	67026	17.592	ug/l	99
65) Chlorobenzene	11.43	112	199862	18.297	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	68010	16.694	ug/l	99
67) Ethyl Benzene	11.51	91	322429	16.404	ug/l	98
68) m/p-Xylenes	11.62	106	236877	32.125	ug/l	97
69) o-Xylene	11.94	106	110819	16.147	ug/l	95
70) Styrene	11.96	104	175389	15.425	ug/l	96
71) Bromoform	12.12	173	49805	15.537	ug/l #	96
73) Isopropylbenzene	12.25	105	301844	19.495	ug/l	99
74) N-amyl acetate	12.07	43	133507	19.796	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	98987	18.868	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	105213m	19.933	ug/l	
77) Bromobenzene	12.52	156	72903	18.913	ug/l	93
78) n-propylbenzene	12.59	91	361557	19.003	ug/l	98
79) 2-Chlorotoluene	12.67	91	211882	18.676	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	253854	19.120	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	36022	18.361	ug/l #	86
82) 4-Chlorotoluene	12.77	91	217123	18.717	ug/l	99
83) tert-Butylbenzene	12.99	119	210028	18.970	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	253413	19.330	ug/l	99
85) sec-Butylbenzene	13.17	105	294528	19.367	ug/l	99
86) p-Isopropyltoluene	13.29	119	266417	19.601	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	134291	18.915	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	133573	19.214	ug/l	98
89) n-Butylbenzene	13.62	91	246991	19.353	ug/l	98
90) Hexachloroethane	13.88	117	49575	19.860	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	129223	19.395	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22513	20.015	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
Data File : VN059558.D
Acq On : 11 Dec 2019 13:43
Operator : JC/SP
Sample : VN1211MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Manual Integrations
APPROVED

apatel
12/12/2019 9:25:32 AM

Quant Time: Dec 12 01:07:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	81048	17.588	ug/l	99
94) Hexachlorobutadiene	15.01	225	43372	18.423	ug/l	99
95) Naphthalene	15.13	128	229799	17.060	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	79266	19.218	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121119\
 Data File : VN059558.D
 Acq On : 11 Dec 2019 13:43
 Operator : JC/SP
 Sample : VN1211MBS01
 Misc : 5.00µ/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VN1211MBS01

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:25:32 AM

Quant Time: Dec 12 01:07:20 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

