

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121819\
 Data File : VN059658.D
 Acq On : 18 Dec 2019 18:38
 Operator : JC/SP
 Sample : VN1218MBSD02
 Misc : 5.00uL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/19/2019 11:12:12 AM

Quant Time: Dec 19 06:00:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	235202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	381444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	350335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	173435	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	7.57	113	120482	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.08	98	479553	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.40	95	168960	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57324	18.861	ug/l	99
3) Chloromethane	2.04	50	82913	17.191	ug/l	99
4) Vinyl Chloride	2.17	62	89738	19.620	ug/l	99
5) Bromomethane	2.53	94	52343	19.686	ug/l	98
6) Chloroethane	2.67	64	52570	20.451	ug/l	98
7) Trichlorofluoromethane	2.99	101	90857	18.105	ug/l	98
8) Diethyl Ether	3.38	74	32164	20.513	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	49185	19.449	ug/l	99
10) Methyl Iodide	3.92	142	62528	18.677	ug/l	99
11) Tert butyl alcohol	4.75	59	59205	94.356	ug/l	98
12) 1,1-Dichloroethene	3.71	96	45692	18.522	ug/l	91
13) Acrolein	3.58	56	30168	67.496	ug/l	97
14) Allyl chloride	4.29	41	94389	18.638	ug/l	99
15) Acrylonitrile	4.95	53	151173	99.603	ug/l	99
16) Acetone	3.79	43	145427	71.569	ug/l	99
17) Carbon Disulfide	4.02	76	145803	17.735	ug/l	100
18) Methyl Acetate	4.29	43	80731	18.960	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	170453	19.569	ug/l	98
20) Methylene Chloride	4.52	84	56335	19.196	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	51333	18.666	ug/l	96
22) Diisopropyl ether	5.92	45	192283	20.595	ug/l	97
23) Vinyl Acetate	5.86	43	798698	109.008	ug/l	99
24) 1,1-Dichloroethane	5.82	63	105380	19.925	ug/l	100
25) 2-Butanone	6.81	43	213706	87.950	ug/l	100
26) 2,2-Dichloropropane	6.79	77	91204	18.974	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	58889	19.324	ug/l	97
28) Bromochloromethane	7.17	49	40655	18.591	ug/l	97
29) Tetrahydrofuran	7.18	42	145828	98.500	ug/l	97
30) Chloroform	7.35	83	102798	19.746	ug/l	99
31) Cyclohexane	7.63	56	96881	19.387	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	90065	19.190	ug/l	98
36) 1,1-Dichloropropene	7.77	75	77600	19.508	ug/l	99
37) Ethyl Acetate	6.90	43	91208	19.728	ug/l	100
38) Carbon Tetrachloride	7.75	117	79039	19.148	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121819\
 Data File : VN059658.D
 Acq On : 18 Dec 2019 18:38
 Operator : JC/SP
 Sample : VN1218MBSD02
 Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1218MBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/19/2019 11:12:12 AM

Quant Time: Dec 19 06:00:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	85068	18.853	ug/l	99
40) Benzene	8.02	78	229782	19.766	ug/l	99
41) Methacrylonitrile	7.14	41	34113m	17.878	ug/l	
42) 1,2-Dichloroethane	8.10	62	90011	20.218	ug/l	100
43) Isopropyl Acetate	8.14	43	140276	19.515	ug/l	99
44) Trichloroethene	8.82	130	57109	18.755	ug/l	100
45) 1,2-Dichloropropane	9.10	63	62848	20.020	ug/l	99
46) Dibromomethane	9.19	93	39427	19.171	ug/l	99
47) Bromodichloromethane	9.39	83	80542	19.642	ug/l	97
48) Methyl methacrylate	9.18	41	62388	19.130	ug/l	97
49) 1,4-Dioxane	9.18	88	18012	385.403	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	437415	102.063	ug/l	100
52) Toluene	10.14	92	138399	19.376	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	91725	19.342	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	97640	19.587	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	55271	19.720	ug/l	98
56) Ethyl methacrylate	10.42	69	79355	19.071	ug/l	99
57) 1,3-Dichloropropane	10.70	76	97596	19.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	148798	112.440	ug/l	98
59) 2-Hexanone	10.74	43	321734	95.252	ug/l	98
60) Dibromochloromethane	10.90	129	59326	19.393	ug/l	99
61) 1,2-Dibromoethane	11.00	107	56585	19.036	ug/l	98
64) Tetrachloroethene	10.62	164	56251	17.224	ug/l	99
65) Chlorobenzene	11.43	112	145224	19.158	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.50	131	54818	19.039	ug/l	98
67) Ethyl Benzene	11.51	91	262760	19.203	ug/l	98
68) m/p-Xylenes	11.62	106	193759	38.348	ug/l	99
69) o-Xylene	11.94	106	91739	19.082	ug/l	99
70) Styrene	11.96	104	144335	18.686	ug/l	98
71) Bromoform	12.12	173	41368	19.113	ug/l #	98
73) Isopropylbenzene	12.25	105	250032	19.674	ug/l	99
74) N-amyl acetate	12.07	43	111453	19.118	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	80075	19.863	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	81937m	20.444	ug/l	
77) Bromobenzene	12.52	156	59024	18.885	ug/l	98
78) n-propylbenzene	12.59	91	295413	19.664	ug/l	98
79) 2-Chlorotoluene	12.67	91	176314	19.409	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	210410	19.564	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	29658	18.277	ug/l	96
82) 4-Chlorotoluene	12.77	91	181875	19.554	ug/l	99
83) tert-Butylbenzene	12.99	119	175732	19.294	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	207841	19.435	ug/l	100
85) sec-Butylbenzene	13.17	105	237090	19.569	ug/l	100
86) p-Isopropyltoluene	13.29	119	210351	19.170	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	108102	18.810	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	106901	18.449	ug/l	100
89) n-Butylbenzene	13.61	91	184812	17.965	ug/l	100
90) Hexachloroethane	13.87	117	40870	19.705	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	105774	18.662	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19451	18.331	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121819\
Data File : VN059658.D
Acq On : 18 Dec 2019 18:38
Operator : JC/SP
Sample : VN1218MBSD02
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD02

Manual Integrations
APPROVED

MMDadoda
12/19/2019 11:12:12 AM

Quant Time: Dec 19 06:00:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	60694	16.583	uq/l	98
94) Hexachlorobutadiene	15.00	225	32772	17.567	uq/l	99
95) Naphthalene	15.12	128	178422	16.330	uq/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	61722	16.674	uq/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121819\
Data File : VN059658.D
Acq On : 18 Dec 2019 18:38
Operator : JC/SP
Sample : VN1218MBSD02
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VN1218MBSD02

Manual Integrations
APPROVED

MMDadoda
12/19/2019 11:12:12 AM

Quant Time: Dec 19 06:00:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

