

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054453.D
 Acq On : 19 Mar 2019 21:07
 Operator : JC/SP
 Sample : K1960-13MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 12:22:02 PM

Quant Time: Mar 20 05:02:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1279825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1990687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1716611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	795125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	641105	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
35) Dibromofluoromethane	7.59	113	655844	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	10.09	98	2354709	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	796932	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	561905	46.326	ug/l	98
3) Chloromethane	2.06	50	551611	46.817	ug/l	99
4) Vinyl Chloride	2.19	62	592864	44.024	ug/l	99
5) Bromomethane	2.57	94	386504	41.439	ug/l	96
6) Chloroethane	2.71	64	348242	42.739	ug/l	99
7) Trichlorofluoromethane	3.02	101	732355	40.903	ug/l	100
8) Diethyl Ether	3.41	74	390772	47.894	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	589489	43.936	ug/l	99
10) Methyl Iodide	3.94	142	981164	51.449	ug/l	99
11) Tert butyl alcohol	4.82	59	221437	237.650	ug/l	98
12) 1,1-Dichloroethene	3.73	96	605697	45.555	ug/l	96
13) Acrolein	3.61	56	177564	201.106	ug/l	99
14) Allyl chloride	4.32	41	855834	50.168	ug/l	92
15) Acrylonitrile	4.99	53	1100575	287.547	ug/l	99
16) Acetone	3.82	43	703063	180.660	ug/l	96
17) Carbon Disulfide	4.04	76	1418522	42.559	ug/l	99
18) Methyl Acetate	4.33	43	658686	83.659	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1823282	55.324	ug/l	99
20) Methylene Chloride	4.54	84	699957	54.777	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	657008	51.573	ug/l	98
22) Diisopropyl ether	5.96	45	1859969	54.629	ug/l	95
23) Vinyl Acetate	5.90	43	5959788	237.412	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1166266	53.349	ug/l	99
25) 2-Butanone	6.84	43	1169527	256.049	ug/l	96
26) 2,2-Dichloropropane	6.82	77	764296	39.756	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	789008	55.516	ug/l	95
28) Bromochloromethane	7.19	49	463680	51.883	ug/l	94
29) Tetrahydrofuran	7.22	42	772896	263.177	ug/l	96
30) Chloroform	7.37	83	1213161	53.181	ug/l	99
31) Cyclohexane	7.65	56	964256	47.108	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1012067	49.124	ug/l	98
36) 1,1-Dichloropropene	7.79	75	881683	48.094	ug/l	99
37) Ethyl Acetate	6.94	43	490179	46.535	ug/l	97
38) Carbon Tetrachloride	7.77	117	877992	45.669	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054453.D
 Acq On : 19 Mar 2019 21:07
 Operator : JC/SP
 Sample : K1960-13MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MS

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 12:22:02 PM

Quant Time: Mar 20 05:02:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	930396	41.248	ug/l	99
40) Benzene	8.04	78	2767273	52.750	ug/l	99
41) Methacrylonitrile	7.17	41	289326	48.106	ug/l	94
42) 1,2-Dichloroethane	8.13	62	832496	47.003	ug/l	97
43) Isopropyl Acetate	8.17	43	873047	47.219	ug/l	96
44) Trichloroethene	8.83	130	810482	49.733	ug/l	98
45) 1,2-Dichloropropane	9.12	63	713579	54.779	ug/l	99
46) Dibromomethane	9.21	93	447204	50.810	ug/l	99
47) Bromodichloromethane	9.40	83	877708	49.744	ug/l	100
48) Methyl methacrylate	9.20	41	472098	50.314	ug/l	89
49) 1,4-Dioxane	9.20	88	145424	1095.698	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2603864	266.115	ug/l	95
52) Toluene	10.16	92	1718625	51.667	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	851586	42.507	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1029409	50.065	ug/l #	91
55) 1,1,2-Trichloroethane	10.56	97	646413	53.222	ug/l	99
56) Ethyl methacrylate	10.43	69	807172	55.735	ug/l #	90
57) 1,3-Dichloropropane	10.71	76	1054823	53.113	ug/l	99
59) 2-Hexanone	10.75	43	1629314	250.250	ug/l	93
60) Dibromochloromethane	10.90	129	696508	50.949	ug/l	100
61) 1,2-Dibromoethane	11.01	107	644846	52.245	ug/l	100
64) Tetrachloroethene	10.63	164	713563	42.993	ug/l	99
65) Chlorobenzene	11.43	112	1981450	52.569	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	722731	52.783	ug/l	99
67) Ethyl Benzene	11.51	91	3161890	50.606	ug/l	99
68) m/p-Xylenes	11.62	106	2509963	102.781	ug/l	98
69) o-Xylene	11.95	106	1255064	52.721	ug/l	96
70) Styrene	11.96	104	1986903	53.217	ug/l	99
71) Bromoform	12.13	173	456437	44.024	ug/l	100
73) Isopropylbenzene	12.25	105	3131906	49.232	ug/l	99
74) N-amyl acetate	12.07	43	753645	53.373	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	761751	56.203	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	607047m	51.917	ug/l	
77) Bromobenzene	12.53	156	884879	52.567	ug/l	97
78) n-propylbenzene	12.59	91	3321322	48.117	ug/l	99
79) 2-Chlorotoluene	12.67	91	2064484	49.742	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2567867	48.529	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	148230	43.336	ug/l	98
82) 4-Chlorotoluene	12.77	91	2069112	49.927	ug/l	98
83) tert-Butylbenzene	12.99	119	2255211	46.304	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2605609	50.193	ug/l	99
85) sec-Butylbenzene	13.17	105	2812140	44.522	ug/l	100
86) p-Isopropyltoluene	13.29	119	2499620	45.109	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1450322	51.131	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1403256	50.360	ug/l	99
89) n-Butylbenzene	13.61	91	1872475	44.473	ug/l	99
90) Hexachloroethane	13.87	117	388157	42.304	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1439191	51.901	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	107322	51.171	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	747636	44.928	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
Data File : VN054453.D
Acq On : 19 Mar 2019 21:07
Operator : JC/SP
Sample : K1960-13MS
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Manual Integrations
APPROVED

MMDadoda
3/20/2019 12:22:02 PM

Quant Time: Mar 20 05:02:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	404408	38.289	ug/l	99
95) Naphthalene	15.13	128	1760197	50.440	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	743035	50.433	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031919\
Data File : VN054453.D
Acq On : 19 Mar 2019 21:07
Operator : JC/SP
Sample : K1960-13MS
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MS

Manual Integrations
APPROVED

MMDadoda
3/20/2019 12:22:02 PM

Quant Time: Mar 20 05:02:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

