

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054277.D
 Acq On : 14 Mar 2019 22:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 10:14:17 AM

Quant Time: Mar 15 08:11:25 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	1401407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2128074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1869933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	903470	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	749825	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.59	113	712811	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	10.09	98	2563541	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.40	95	888395	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	651327	49.039	ug/l	99
3) Chloromethane	2.06	50	599185	46.443	ug/l	100
4) Vinyl Chloride	2.19	62	691327	46.882	ug/l	99
5) Bromomethane	2.57	94	380343	37.241	ug/l	97
6) Chloroethane	2.71	64	420114	47.087	ug/l	99
7) Trichlorofluoromethane	3.02	101	909596	46.395	ug/l	98
8) Diethyl Ether	3.41	74	465092	52.057	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	739140	50.310	ug/l	99
10) Methyl Iodide	3.94	142	862807	41.613	ug/l	98
11) Tert butyl alcohol	4.81	59	211207	207.006	ug/l	99
12) 1,1-Dichloroethene	3.73	96	745309	51.192	ug/l	96
13) Acrolein	3.61	56	183220	189.509	ug/l	100
14) Allyl chloride	4.32	41	892191	47.762	ug/l	100
15) Acrylonitrile	4.99	53	1044709	249.271	ug/l	100
16) Acetone	3.82	43	751998	176.470	ug/l	98
17) Carbon Disulfide	4.04	76	1613141	44.199	ug/l	99
18) Methyl Acetate	4.33	43	464160	53.838	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1831832	50.761	ug/l	100
20) Methylene Chloride	4.55	84	704674	50.362	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	697004	49.966	ug/l	98
22) Diisopropyl ether	5.96	45	1908361	51.188	ug/l	97
23) Vinyl Acetate	5.90	43	6792360	247.103	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1213098	50.677	ug/l	99
25) 2-Butanone	6.85	43	1174853	234.900	ug/l	99
26) 2,2-Dichloropropane	6.82	77	831977	39.522	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	815646	52.412	ug/l	96
28) Bromochloromethane	7.19	49	485782	49.640	ug/l	93
29) Tetrahydrofuran	7.22	42	780302	242.648	ug/l	98
30) Chloroform	7.37	83	1300610	52.068	ug/l	100
31) Cyclohexane	7.65	56	1080807	48.251	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1142782	50.657	ug/l	100
36) 1,1-Dichloropropene	7.79	75	962671	49.121	ug/l	99
37) Ethyl Acetate	6.94	43	540527	48.001	ug/l	99
38) Carbon Tetrachloride	7.77	117	999645	48.640	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054277.D
 Acq On : 14 Mar 2019 22:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 10:14:17 AM

Quant Time: Mar 15 08:11:25 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	1157960	48.023	ug/l	97
40) Benzene	8.04	78	2870095	51.178	ug/l	99
41) Methacrylonitrile	7.17	41	306752	47.710	ug/l	98
42) 1,2-Dichloroethane	8.12	62	948769	50.110	ug/l	100
43) Isopropyl Acetate	8.17	43	933335	47.220	ug/l	98
44) Trichloroethene	8.83	130	883499	50.713	ug/l	97
45) 1,2-Dichloropropane	9.12	63	721848	51.837	ug/l	99
46) Dibromomethane	9.21	93	475054	50.490	ug/l	98
47) Bromodichloromethane	9.40	83	960660	50.930	ug/l	98
48) Methyl methacrylate	9.20	41	493276	49.177	ug/l	97
49) 1,4-Dioxane	9.20	88	141825	999.594	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2633010	251.721	ug/l	99
52) Toluene	10.16	92	1825125	51.327	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	904938	42.266	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1082304	49.240	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	675410	52.019	ug/l	99
56) Ethyl methacrylate	10.43	69	791372	51.117	ug/l	97
57) 1,3-Dichloropropane	10.71	76	1092087	51.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1505322	225.861	ug/l	99
59) 2-Hexanone	10.75	43	1617275	232.365	ug/l	99
60) Dibromochloromethane	10.90	129	745162	50.989	ug/l	100
61) 1,2-Dibromoethane	11.01	107	678935	51.456	ug/l	98
64) Tetrachloroethene	10.63	164	894762	49.491	ug/l	99
65) Chlorobenzene	11.43	112	2123368	51.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	783261	52.513	ug/l	100
67) Ethyl Benzene	11.51	91	3432082	50.426	ug/l	99
68) m/p-Xylenes	11.62	106	2735064	102.815	ug/l	99
69) o-Xylene	11.95	106	1346892	51.939	ug/l	98
70) Styrene	11.96	104	2137748	52.563	ug/l	99
71) Bromoform	12.13	173	499933	44.253	ug/l #	99
73) Isopropylbenzene	12.25	105	3542548	49.009	ug/l	100
74) N-amyl acetate	12.07	43	763238	47.570	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	761423	49.442	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	676751m	50.937	ug/l	
77) Bromobenzene	12.53	156	953082	49.828	ug/l	97
78) n-propylbenzene	12.59	91	3855459	49.157	ug/l	100
79) 2-Chlorotoluene	12.67	91	2318235	49.158	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2971866	49.429	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	146330	37.650	ug/l	90
82) 4-Chlorotoluene	12.77	91	2333505	49.555	ug/l	100
83) tert-Butylbenzene	12.99	119	2730320	49.336	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2972219	50.389	ug/l	99
85) sec-Butylbenzene	13.17	105	3482741	48.527	ug/l	100
86) p-Isopropyltoluene	13.29	119	3096596	49.181	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1642846	50.973	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1601274	50.575	ug/l	100
89) n-Butylbenzene	13.62	91	2361781	49.368	ug/l	100
90) Hexachloroethane	13.88	117	487600	46.769	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1622044	51.481	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	110765	46.479	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
Data File : VN054277.D
Acq On : 14 Mar 2019 22:10
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/15/2019 10:14:17 AM

Quant Time: Mar 15 08:11:25 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)
93) 1,2,4-Trichlorobenzene	14.91	180	888349	46.867	ug/l	99
94) Hexachlorobutadiene	15.01	225	559430	46.614	ug/l	100
95) Naphthalene	15.13	128	1805006	45.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	889690	53.145	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054277.D
 Acq On : 14 Mar 2019 22:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 10:14:17 AM

Quant Time: Mar 15 08:11:25 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

