

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053694.D
 Acq On : 11 Feb 2019 9:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:50:18 PM

Quant Time: Feb 11 22:22:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	763683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1107146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	987103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	494401	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	337114	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	
35) Dibromofluoromethane	7.59	113	328278	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
50) Toluene-d8	10.09	98	1227009	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	12.40	95	417980	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	407485	47.347	ug/l	100
3) Chloromethane	2.06	50	425784	46.963	ug/l	98
4) Vinyl Chloride	2.19	62	431209	48.995	ug/l	100
5) Bromomethane	2.57	94	300340	52.191	ug/l	100
6) Chloroethane	2.71	64	274407	54.560	ug/l	100
7) Trichlorofluoromethane	3.02	101	596305	49.963	ug/l	100
8) Diethyl Ether	3.41	74	210200	48.225	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	375647	50.892	ug/l	98
10) Methyl Iodide	3.95	142	551513	47.604	ug/l	100
11) Tert butyl alcohol	4.78	59	106836	235.628	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	348810	49.323	ug/l	99
13) Acrolein	3.61	56	39019	158.060	ug/l	99
14) Allyl chloride	4.32	41	560321	49.762	ug/l	99
15) Acrylonitrile	4.98	53	615565	251.484	ug/l	98
16) Acetone	3.81	43	635063	323.167	ug/l	99
17) Carbon Disulfide	4.06	76	1005823	45.677	ug/l	99
18) Methyl Acetate	4.32	43	297409	51.103	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	910493	50.787	ug/l	100
20) Methylene Chloride	4.55	84	397706	48.239	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	371256	48.660	ug/l	97
22) Diisopropyl ether	5.95	45	1085024	52.005	ug/l	100
23) Vinyl Acetate	5.89	43	3592135	248.879	ug/l	99
24) 1,1-Dichloroethane	5.85	63	691833	49.715	ug/l	100
25) 2-Butanone	6.83	43	740679	264.274	ug/l	99
26) 2,2-Dichloropropane	6.82	77	536917	50.543	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	425103	50.107	ug/l	99
28) Bromochloromethane	7.19	49	308824	51.139	ug/l	97
29) Tetrahydrofuran	7.21	42	439975	244.472	ug/l	98
30) Chloroform	7.37	83	680700	49.345	ug/l	99
31) Cyclohexane	7.65	56	623240	48.097	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	574224	50.019	ug/l	100
36) 1,1-Dichloropropene	7.79	75	534198	53.526	ug/l	99
37) Ethyl Acetate	6.92	43	288942	51.837	ug/l	98
38) Carbon Tetrachloride	7.77	117	523981	52.117	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053694.D
 Acq On : 11 Feb 2019 9:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:50:18 PM

Quant Time: Feb 11 22:22:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	639893	54.043	ug/l	98
40) Benzene	8.04	78	1586480	51.549	ug/l	100
41) Methacrylonitrile	7.18	41	169710	54.476	ug/l	95
42) 1,2-Dichloroethane	8.12	62	469240	51.349	ug/l	100
43) Isopropyl Acetate	8.16	43	514750	47.819	ug/l	99
44) Trichloroethene	8.83	130	451356	51.513	ug/l	98
45) 1,2-Dichloropropane	9.12	63	415819	52.824	ug/l	99
46) Dibromomethane	9.21	93	240710	50.726	ug/l	98
47) Bromodichloromethane	9.40	83	525140	53.226	ug/l	99
48) Methyl methacrylate	9.20	41	245650	47.807	ug/l	92
49) 1,4-Dioxane	9.20	88	74199	996.692	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	1389767	262.729	ug/l	99
52) Toluene	10.16	92	962353	52.686	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	521544	52.790	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	622449	53.168	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	348423	52.937	ug/l	99
56) Ethyl methacrylate	10.43	69	405211	52.041	ug/l	99
57) 1,3-Dichloropropane	10.71	76	584099	51.925	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	422907	92.781	ug/l	99
59) 2-Hexanone	10.75	43	953751	265.591	ug/l	99
60) Dibromochloromethane	10.90	129	402333	54.207	ug/l	100
61) 1,2-Dibromoethane	11.00	107	327921	50.337	ug/l	100
64) Tetrachloroethene	10.63	164	432708	51.138	ug/l	98
65) Chlorobenzene	11.43	112	1071206	51.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	388997	53.123	ug/l	99
67) Ethyl Benzene	11.51	91	1798742	52.224	ug/l	100
68) m/p-Xylenes	11.62	106	1404052	106.809	ug/l	99
69) o-Xylene	11.95	106	673746	53.052	ug/l	99
70) Styrene	11.96	104	1120084	54.415	ug/l	99
71) Bromoform	12.13	173	274327	54.645	ug/l #	99
73) Isopropylbenzene	12.25	105	1766790	50.834	ug/l	100
74) N-amyl acetate	12.07	43	409243	48.967	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	385324	46.324	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	322821m	50.836	ug/l	
77) Bromobenzene	12.53	156	463997	49.536	ug/l	99
78) n-propylbenzene	12.59	91	2093137	52.097	ug/l	100
79) 2-Chlorotoluene	12.67	91	1221939	51.263	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1549942	53.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	113567	50.288	ug/l	100
82) 4-Chlorotoluene	12.77	91	1252463	51.205	ug/l	99
83) tert-Butylbenzene	12.99	119	1307068	51.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1569875	53.464	ug/l	99
85) sec-Butylbenzene	13.17	105	1841633	53.129	ug/l	99
86) p-Isopropyltoluene	13.29	119	1650698	54.449	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	853825	50.707	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	840926	50.487	ug/l	99
89) n-Butylbenzene	13.62	91	1451625	55.320	ug/l	100
90) Hexachloroethane	13.88	117	270735	54.141	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	816602	50.657	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59009	49.778	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053694.D
Acq On : 11 Feb 2019 9:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/12/2019 12:50:18 PM

Quant Time: Feb 11 22:22:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	500452	54.129	ug/l	99
94) Hexachlorobutadiene	15.01	225	319752	55.535	ug/l	100
95) Naphthalene	15.13	128	968308	44.773	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	454607	52.993	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053694.D
Acq On : 11 Feb 2019 9:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/12/2019 12:50:18 PM

Quant Time: Feb 11 22:22:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

