

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053673.D
 Acq On : 8 Feb 2019 11:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 11:00:32 AM

Quant Time: Feb 09 02:43:46 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	7.67	168	697267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1028477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	895185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	439697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	327730	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	7.59	113	319719	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.09	98	1190995	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.40	95	400558	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	365691	46.544	ug/l	99
3) Chloromethane	2.06	50	384737	46.477	ug/l	99
4) Vinyl Chloride	2.19	62	374930	46.658	ug/l	100
5) Bromomethane	2.57	94	259160	49.325	ug/l	96
6) Chloroethane	2.71	64	243099	52.939	ug/l	97
7) Trichlorofluoromethane	3.02	101	549685	50.443	ug/l	98
8) Diethyl Ether	3.41	74	183350	46.072	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	332567	49.347	ug/l	98
10) Methyl Iodide	3.96	142	487569	46.093	ug/l	100
11) Tert butyl alcohol	4.78	59	96857	233.967	ug/l #	86
12) 1,1-Dichloroethene	3.74	96	302754	46.889	ug/l	99
13) Acrolein	3.61	56	61108	271.118	ug/l	100
14) Allyl chloride	4.33	41	480967	46.783	ug/l	99
15) Acrylonitrile	4.99	53	544709	243.733	ug/l	98
16) Acetone	3.81	43	464430	258.848	ug/l	98
17) Carbon Disulfide	4.06	76	882264	43.882	ug/l	100
18) Methyl Acetate	4.32	43	258781	48.701	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	802386	49.020	ug/l	99
20) Methylene Chloride	4.55	84	349780	46.467	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	325977	46.795	ug/l	96
22) Diisopropyl ether	5.95	45	939373	49.313	ug/l	96
23) Vinyl Acetate	5.90	43	3211578	243.707	ug/l	99
24) 1,1-Dichloroethane	5.85	63	596038	46.911	ug/l	100
25) 2-Butanone	6.83	43	618431	241.674	ug/l	99
26) 2,2-Dichloropropane	6.83	77	454131	46.822	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	374064	48.291	ug/l	98
28) Bromochloromethane	7.19	49	273536	49.610	ug/l	97
29) Tetrahydrofuran	7.21	42	388265	236.289	ug/l	98
30) Chloroform	7.37	83	599605	47.606	ug/l	98
31) Cyclohexane	7.65	56	547850	46.299	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	507682	48.435	ug/l	99
36) 1,1-Dichloropropene	7.79	75	464215	50.071	ug/l	99
37) Ethyl Acetate	6.93	43	259565	50.129	ug/l	99
38) Carbon Tetrachloride	7.77	117	459332	49.181	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053673.D
 Acq On : 8 Feb 2019 11:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 11:00:32 AM

Quant Time: Feb 09 02:43:46 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	556521	50.597	ug/l	99
40) Benzene	8.04	78	1382628	48.361	ug/l	100
41) Methacrylonitrile	7.17	41	142956	49.398	ug/l	91
42) 1,2-Dichloroethane	8.12	62	411420	48.466	ug/l	98
43) Isopropyl Acetate	8.16	43	450923	45.094	ug/l	99
44) Trichloroethene	8.83	130	393166	48.305	ug/l	97
45) 1,2-Dichloropropane	9.12	63	361078	49.378	ug/l	100
46) Dibromomethane	9.21	93	215191	48.817	ug/l	97
47) Bromodichloromethane	9.40	83	457464	49.913	ug/l	99
48) Methyl methacrylate	9.20	41	222114	46.533	ug/l	93
49) 1,4-Dioxane	9.20	88	65383	947.459	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1201585	244.529	ug/l	99
52) Toluene	10.16	92	845531	49.832	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	457784	49.881	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	539079	49.569	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	308447	50.448	ug/l	99
56) Ethyl methacrylate	10.43	69	360966	49.905	ug/l	98
57) 1,3-Dichloropropane	10.71	76	510484	48.852	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	912296	204.868	ug/l	98
59) 2-Hexanone	10.75	43	790998	237.118	ug/l	99
60) Dibromochloromethane	10.90	129	353340	51.247	ug/l	100
61) 1,2-Dibromoethane	11.01	107	291293	48.135	ug/l	100
64) Tetrachloroethene	10.63	164	378118	49.275	ug/l	98
65) Chlorobenzene	11.44	112	932890	49.062	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	341478	51.422	ug/l	100
67) Ethyl Benzene	11.51	91	1561231	49.983	ug/l	100
68) m/p-Xylenes	11.62	106	1231530	103.305	ug/l	99
69) o-Xylene	11.95	106	593400	51.523	ug/l	99
70) Styrene	11.97	104	963823	51.632	ug/l	100
71) Bromoform	12.13	173	242649	53.298	ug/l #	99
73) Isopropylbenzene	12.25	105	1555180	50.313	ug/l	100
74) N-amyl acetate	12.07	43	370254	49.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	349830	47.290	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	284769m	50.423	ug/l	
77) Bromobenzene	12.53	156	404895	48.604	ug/l	98
78) n-propylbenzene	12.59	91	1817886	50.875	ug/l	100
79) 2-Chlorotoluene	12.67	91	1069614	50.455	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1352600	52.770	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	96894	48.243	ug/l	99
82) 4-Chlorotoluene	12.77	91	1082108	49.744	ug/l	99
83) tert-Butylbenzene	12.99	119	1178705	52.030	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1383543	52.980	ug/l	100
85) sec-Butylbenzene	13.17	105	1618770	52.510	ug/l	100
86) p-Isopropyltoluene	13.29	119	1443177	53.527	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	745381	49.774	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	729108	49.219	ug/l	99
89) n-Butylbenzene	13.62	91	1245961	53.390	ug/l	100
90) Hexachloroethane	13.88	117	239344	53.818	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	714268	49.821	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50909	48.288	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
Data File : VN053673.D
Acq On : 8 Feb 2019 11:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/11/2019 11:00:32 AM

Quant Time: Feb 09 02:43:46 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	426950	51.925	ug/l	98
94) Hexachlorobutadiene	15.01	225	272711	53.257	ug/l	99
95) Naphthalene	15.13	128	838777	43.654	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	394647	51.727	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020819\
Data File : VN053673.D
Acq On : 8 Feb 2019 11:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/11/2019 11:00:32 AM

Quant Time: Feb 09 02:43:46 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

