

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053790.D
 Acq On : 15 Feb 2019 10:28
 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
 2/18/2019 9:48:00 AM

Quant Time: Feb 15 23:32:49 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	686823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	988904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	870738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	432141	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	325199	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	7.59	113	320145	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.09	98	1269079	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
62) 4-Bromofluorobenzene	12.40	95	398142	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	332895	43.040	ug/l	99
3) Chloromethane	2.06	50	369193	45.278	ug/l	98
4) Vinyl Chloride	2.19	62	386523	48.832	ug/l	99
5) Bromomethane	2.57	94	259184	50.079	ug/l	96
6) Chloroethane	2.71	64	234311	51.801	ug/l	97
7) Trichlorofluoromethane	3.02	101	537130	50.041	ug/l	99
8) Diethyl Ether	3.41	74	187832	47.916	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	335882	50.597	ug/l	98
10) Methyl Iodide	3.96	142	439765	42.206	ug/l	99
11) Tert butyl alcohol	4.78	59	100768	247.116	ug/l	98
12) 1,1-Dichloroethene	3.74	96	298384	46.915	ug/l	97
13) Acrolein	3.61	56	31864	143.521	ug/l	99
14) Allyl chloride	4.33	41	457946	45.222	ug/l	98
15) Acrylonitrile	4.99	53	529867	240.697	ug/l	100
16) Acetone	3.82	43	504318	285.354	ug/l	98
17) Carbon Disulfide	4.06	76	783066	39.541	ug/l	100
18) Methyl Acetate	4.32	43	272898	52.139	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	784612	48.663	ug/l	99
20) Methylene Chloride	4.55	84	330367	44.556	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	306038	44.601	ug/l	97
22) Diisopropyl ether	5.95	45	907363	48.357	ug/l	99
23) Vinyl Acetate	5.89	43	3044160	234.515	ug/l	98
24) 1,1-Dichloroethane	5.85	63	579279	46.285	ug/l	100
25) 2-Butanone	6.83	43	624004	247.560	ug/l	98
26) 2,2-Dichloropropane	6.82	77	456129	47.743	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	356968	46.785	ug/l	98
28) Bromochloromethane	7.19	49	227809	41.945	ug/l	95
29) Tetrahydrofuran	7.21	42	384762	237.718	ug/l	98
30) Chloroform	7.37	83	590926	47.631	ug/l	99
31) Cyclohexane	7.65	56	507110	43.498	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	486779	47.147	ug/l	99
36) 1,1-Dichloropropene	7.79	75	430155	48.254	ug/l	98
37) Ethyl Acetate	6.93	43	250418	50.298	ug/l	99
38) Carbon Tetrachloride	7.77	117	443417	49.377	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053790.D
 Acq On : 15 Feb 2019 10:28
 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
 2/18/2019 9:48:00 AM

Quant Time: Feb 15 23:32:49 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	549647	51.971	ug/l	99
40) Benzene	8.04	78	1321971	48.090	ug/l	99
41) Methacrylonitrile	7.17	41	119260	42.859	ug/l #	77
42) 1,2-Dichloroethane	8.12	62	393320	48.188	ug/l	99
43) Isopropyl Acetate	8.16	43	434128	45.151	ug/l	97
44) Trichloroethene	8.83	130	388056	49.585	ug/l	100
45) 1,2-Dichloropropane	9.12	63	361343	51.392	ug/l	100
46) Dibromomethane	9.21	93	218906	51.647	ug/l	97
47) Bromodichloromethane	9.40	83	468852	53.203	ug/l	99
48) Methyl methacrylate	9.20	41	229494	50.003	ug/l	93
49) 1,4-Dioxane	9.20	88	68829	1033.600	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1324153	280.256	ug/l	99
52) Toluene	10.16	92	866183	53.091	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	478425	54.216	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	540473	51.686	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	323021	54.945	ug/l	99
56) Ethyl methacrylate	10.43	69	382612	55.014	ug/l	98
57) 1,3-Dichloropropane	10.71	76	529455	52.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1072759	248.757	ug/l	98
59) 2-Hexanone	10.75	43	864382	269.485	ug/l	99
60) Dibromochloromethane	10.90	129	366555	55.291	ug/l	100
61) 1,2-Dibromoethane	11.00	107	297544	51.135	ug/l	100
64) Tetrachloroethene	10.63	164	388842	52.095	ug/l	99
65) Chlorobenzene	11.43	112	898297	48.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	335960	52.012	ug/l	99
67) Ethyl Benzene	11.51	91	1506240	49.576	ug/l	100
68) m/p-Xylenes	11.62	106	1176948	101.498	ug/l	99
69) o-Xylene	11.95	106	569648	50.850	ug/l	98
70) Styrene	11.96	104	922960	50.831	ug/l	99
71) Bromoform	12.13	173	237219	53.568	ug/l #	100
73) Isopropylbenzene	12.25	105	1506185	49.580	ug/l	100
74) N-amyl acetate	12.07	43	351753	48.152	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	343171	47.201	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	277343m	49.966	ug/l	
77) Bromobenzene	12.53	156	397284	48.524	ug/l	97
78) n-propylbenzene	12.59	91	1765793	50.281	ug/l	100
79) 2-Chlorotoluene	12.67	91	1026146	49.251	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1295486	51.425	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	93362	47.297	ug/l	98
82) 4-Chlorotoluene	12.77	91	1049299	49.079	ug/l	100
83) tert-Butylbenzene	12.99	119	1122918	50.435	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1310707	51.069	ug/l	98
85) sec-Butylbenzene	13.17	105	1574070	51.953	ug/l	99
86) p-Isopropyltoluene	13.29	119	1386260	52.315	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	716089	48.654	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	706360	48.517	ug/l	99
89) n-Butylbenzene	13.61	91	1193215	52.024	ug/l	100
90) Hexachloroethane	13.87	117	236825	54.183	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	689994	48.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50460	48.699	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
Data File : VN053790.D
Acq On : 15 Feb 2019 10:28
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
2/18/2019 9:48:00 AM

Quant Time: Feb 15 23:32:49 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	411841	50.963	ug/l	99
94) Hexachlorobutadiene	15.01	225	266130	52.881	ug/l	99
95) Naphthalene	15.13	128	789023	41.857	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	379432	50.602	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053790.D
 Acq On : 15 Feb 2019 10:28
 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
 2/18/2019 9:48:00 AM

Quant Time: Feb 15 23:32:49 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

