

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051199.D
 Acq On : 14 Sep 2018 19:17
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 1:26:11 PM

Quant Time: Sep 15 01:10:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	578553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	795095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	723212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	363442	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	298568	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	7.59	113	294693	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.09	98	1090369	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	12.40	95	357226	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	240836	43.17	ug/l	99
3) Chloromethane	2.06	50	322881	44.75	ug/l	99
4) Vinyl Chloride	2.18	62	328831	42.94	ug/l	100
5) Bromomethane	2.56	94	189605	43.75	ug/l	99
6) Chloroethane	2.70	64	204296	43.22	ug/l	99
7) Trichlorofluoromethane	3.01	101	469961	46.31	ug/l	100
8) Diethyl Ether	3.41	74	166114	44.51	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	299009	45.71	ug/l	100
10) Methyl Iodide	3.95	142	259616	43.29	ug/l	98
11) Tert butyl alcohol	4.79	59	84299	171.42	ug/l	99
12) 1,1-Dichloroethene	3.74	96	268748	43.55	ug/l	98
13) Acrolein	3.61	56	91046	161.23	ug/l	99
14) Allyl chloride	4.33	41	410404	43.65	ug/l	99
15) Acrylonitrile	4.99	53	471664	216.45	ug/l	100
16) Acetone	3.82	43	317659	198.34	ug/l	99
17) Carbon Disulfide	4.05	76	753373	41.44	ug/l	99
18) Methyl Acetate	4.33	43	234178	45.42	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	730256	44.76	ug/l	100
20) Methylene Chloride	4.55	84	323234	45.45	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	297118	44.39	ug/l	98
22) Diisopropyl ether	5.95	45	916357	49.10	ug/l	97
23) Vinyl Acetate	5.90	43	2887321	228.60	ug/l	99
24) 1,1-Dichloroethane	5.85	63	555583	46.92	ug/l	100
25) 2-Butanone	6.84	43	490988	193.96	ug/l	99
26) 2,2-Dichloropropane	6.83	77	411819	42.49	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	336131	45.77	ug/l	100
28) Bromochloromethane	7.20	49	251317	47.68	ug/l	99
29) Tetrahydrofuran	7.21	42	329210	208.26	ug/l	100
30) Chloroform	7.37	83	573121	48.65	ug/l	100
31) Cyclohexane	7.65	56	462443	43.77	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	480521	47.87	ug/l	99
36) 1,1-Dichloropropene	7.80	75	424897	48.67	ug/l	99
37) Ethyl Acetate	6.93	43	220904	43.69	ug/l	99
38) Carbon Tetrachloride	7.78	117	434770	50.60	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051199.D
 Acq On : 14 Sep 2018 19:17
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 1:26:11 PM

Quant Time: Sep 15 01:10:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	448748	46.59	ug/l	98
40) Benzene	8.04	78	1302633	49.52	ug/l	99
41) Methacrylonitrile	7.18	41	128658	49.32	ug/l	87
42) 1,2-Dichloroethane	8.13	62	380334	49.61	ug/l	99
43) Isopropyl Acetate	8.17	43	422528	47.36	ug/l #	86
44) Trichloroethene	8.84	130	346615	48.18	ug/l	99
45) 1,2-Dichloropropane	9.12	63	345029	50.76	ug/l	100
46) Dibromomethane	9.21	93	199462	48.10	ug/l	99
47) Bromodichloromethane	9.40	83	439844	52.16	ug/l	99
48) Methyl methacrylate	9.20	41	203531	46.82	ug/l	99
49) 1,4-Dioxane	9.20	88	55871	819.57	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1128852	228.83	ug/l	99
52) Toluene	10.16	92	805519	50.22	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	414176	49.08	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	490940	49.61	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	291552	50.04	ug/l	99
56) Ethyl methacrylate	10.43	69	340988	43.92	ug/l	99
57) 1,3-Dichloropropane	10.71	76	480080	49.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	688140	211.83	ug/l	99
59) 2-Hexanone	10.75	43	709689	212.13	ug/l	99
60) Dibromochloromethane	10.90	129	336982	51.31	ug/l	98
61) 1,2-Dibromoethane	11.01	107	277938	48.80	ug/l	100
64) Tetrachloroethene	10.63	164	315619	47.83	ug/l	99
65) Chlorobenzene	11.43	112	900550	49.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	341768	52.07	ug/l	99
67) Ethyl Benzene	11.51	91	1505561	51.00	ug/l	100
68) m/p-Xylenes	11.62	106	1182154	104.22	ug/l	100
69) o-Xylene	11.95	106	568714	51.77	ug/l	100
70) Styrene	11.96	104	920220	54.01	ug/l	99
71) Bromoform	12.13	173	231676	50.13	ug/l #	99
73) Isopropylbenzene	12.25	105	1508118	49.48	ug/l	100
74) N-amyl acetate	12.07	43	324021	42.24	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	348036	49.76	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	270919m	48.02	ug/l	
77) Bromobenzene	12.53	156	389212	47.54	ug/l	97
78) n-propylbenzene	12.59	91	1669275	49.83	ug/l	100
79) 2-Chlorotoluene	12.67	91	1004491	47.97	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1237469	50.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	81138	42.40	ug/l	98
82) 4-Chlorotoluene	12.77	91	991925	47.72	ug/l	99
83) tert-Butylbenzene	12.99	119	1061901	48.81	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1252278	51.68	ug/l	99
85) sec-Butylbenzene	13.17	105	1381770	49.53	ug/l	100
86) p-Isopropyltoluene	13.29	119	1215100	51.36	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	660683	47.57	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	635468	49.83	ug/l	100
89) n-Butylbenzene	13.62	91	911387	49.50	ug/l	98
90) Hexachloroethane	13.87	117	226592	52.64	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	636352	47.02	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44782	43.11	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
Data File : VN051199.D
Acq On : 14 Sep 2018 19:17
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/17/2018 1:26:11 PM

Quant Time: Sep 15 01:10:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	263413	41.05	ug/l	98
94) Hexachlorobutadiene	15.01	225	205769	52.25	ug/l	100
95) Naphthalene	15.13	128	454716	35.06	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	255923	41.49	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091418\
Data File : VN051199.D
Acq On : 14 Sep 2018 19:17
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/17/2018 1:26:11 PM

Quant Time: Sep 15 01:10:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

