

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063355.D
 Acq On : 14 Sep 2020 20:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 1:58:44 PM

Quant Time: Sep 15 08:32:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	463698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	836898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	773017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	357713	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	346924	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	7.55	113	261328	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	10.06	98	1004172	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.38	95	369332	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	190744	42.831	ug/l	98
3) Chloromethane	2.04	50	292835	50.233	ug/l	99
4) Vinyl Chloride	2.16	62	304450	48.321	ug/l	97
5) Bromomethane	2.53	94	195720	44.524	ug/l	99
6) Chloroethane	2.67	64	196650	47.713	ug/l	96
7) Trichlorofluoromethane	2.99	101	450993	46.288	ug/l	99
8) Diethyl Ether	3.38	74	158740	45.692	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	231024	45.384	ug/l	99
10) Methyl Iodide	3.91	142	328183	49.735	ug/l	98
11) Tert butyl alcohol	4.72	59	222118	230.600	ug/l	100
12) 1,1-Dichloroethene	3.70	96	233277	45.909	ug/l	95
13) Acrolein	3.57	56	177468	326.557	ug/l	99
14) Allyl chloride	4.28	41	454121	43.535	ug/l	98
15) Acrylonitrile	4.93	53	646087	245.326	ug/l	99
16) Acetone	3.77	43	565058	224.617	ug/l	99
17) Carbon Disulfide	4.02	76	670691	46.585	ug/l	99
18) Methyl Acetate	4.28	43	304938	48.220	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	850047	46.816	ug/l	98
20) Methylene Chloride	4.51	84	283877	49.553	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	260699	45.846	ug/l	98
22) Diisopropyl ether	5.90	45	974323	47.463	ug/l	95
23) Vinyl Acetate	5.84	43	4049268	250.602	ug/l	100
24) 1,1-Dichloroethane	5.80	63	521913	46.948	ug/l	99
25) 2-Butanone	6.78	43	891521	239.910	ug/l	99
26) 2,2-Dichloropropane	6.78	77	391603	40.190	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	304012	45.873	ug/l	97
28) Bromochloromethane	7.15	49	248521	46.102	ug/l	100
29) Tetrahydrofuran	7.16	42	594404	245.654	ug/l	99
30) Chloroform	7.33	83	523155	47.001	ug/l	99
31) Cyclohexane	7.61	56	449448	43.986	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	452006	46.584	ug/l	99
36) 1,1-Dichloropropene	7.75	75	391248	45.481	ug/l	100
37) Ethyl Acetate	6.88	43	399644	47.222	ug/l	99
38) Carbon Tetrachloride	7.74	117	388908	45.935	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063355.D
 Acq On : 14 Sep 2020 20:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 1:58:44 PM

Quant Time: Sep 15 08:32:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	410069	43.696	ug/l	99
40) Benzene	8.00	78	1142237	46.489	ug/l	100
41) Methacrylonitrile	7.13	41	176574m	46.126	ug/l	
42) 1,2-Dichloroethane	8.09	62	433929	46.549	ug/l	99
43) Isopropyl Acetate	8.13	43	679570	47.416	ug/l #	92
44) Trichloroethene	8.80	130	298097	46.393	ug/l	100
45) 1,2-Dichloropropane	9.08	63	312380	46.351	ug/l	99
46) Dibromomethane	9.17	93	203757	46.624	ug/l	99
47) Bromodichloromethane	9.37	83	428828	47.086	ug/l	97
48) Methyl methacrylate	9.17	41	321791	47.055	ug/l	98
49) 1,4-Dioxane	9.17	88	90906	858.561	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	2002218	253.495	ug/l	99
52) Toluene	10.13	92	708352	47.220	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	464333	46.754	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	493739	46.173	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	280644	47.743	ug/l	97
56) Ethyl methacrylate	10.40	69	436815	48.866	ug/l	100
57) 1,3-Dichloropropane	10.68	76	493696	48.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1062074	221.505	ug/l	99
59) 2-Hexanone	10.72	43	1462536	251.071	ug/l	99
60) Dibromochloromethane	10.87	129	313868	48.624	ug/l	100
61) 1,2-Dibromoethane	10.98	107	291576	47.580	ug/l	100
64) Tetrachloroethene	10.60	164	304342	48.060	ug/l	99
65) Chlorobenzene	11.41	112	754121	45.315	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	281112	46.363	ug/l	99
67) Ethyl Benzene	11.49	91	1397533	46.778	ug/l	99
68) m/p-Xylenes	11.60	106	1021279	92.413	ug/l	98
69) o-Xylene	11.92	106	493521	46.534	ug/l	99
70) Styrene	11.94	104	843761	47.868	ug/l	99
71) Bromoform	12.10	173	202556	48.300	ug/l #	99
73) Isopropylbenzene	12.23	105	1322673	45.842	ug/l	100
74) N-amyl acetate	12.05	43	595009	50.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	379595	45.937	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	377490m	47.834	ug/l	
77) Bromobenzene	12.50	156	308783	46.558	ug/l	98
78) n-propylbenzene	12.57	91	1531795	46.733	ug/l	100
79) 2-Chlorotoluene	12.65	91	915214	45.411	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1121261	46.801	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	134290	45.720	ug/l	99
82) 4-Chlorotoluene	12.75	91	939652	44.477	ug/l	100
83) tert-Butylbenzene	12.97	119	921939	45.374	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1139493	47.187	ug/l	100
85) sec-Butylbenzene	13.15	105	1217257	47.088	ug/l	100
86) p-Isopropyltoluene	13.26	119	1094155	46.169	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	551516	45.487	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	551693	47.532	ug/l	99
89) n-Butylbenzene	13.59	91	966599	45.182	ug/l	100
90) Hexachloroethane	13.85	117	189377	48.580	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	545868	45.551	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	85872	45.699	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
Data File : VN063355.D
Acq On : 14 Sep 2020 20:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/15/2020 1:58:44 PM

Quant Time: Sep 15 08:32:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	287902	41.044	ug/l	99
94) Hexachlorobutadiene	14.98	225	111477	43.934	ug/l	98
95) Naphthalene	15.10	128	943355	44.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	272762	43.217	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063355.D
 Acd On : 14 Sep 2020 20:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 1:58:44 PM

Quant Time: Sep 15 08:32:07 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

