

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056156.D
 Acq On : 10 Jun 2019 9:25
 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
 6/11/2019 12:08:01 PM

Quant Time: Jun 11 03:15:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	304704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	428784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	394515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186044	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	149198	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	7.59	113	136816	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.09	98	508410	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	181159	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	164561	49.166	ug/l	100
3) Chloromethane	2.06	50	167076	50.583	ug/l	99
4) Vinyl Chloride	2.18	62	165461	49.940	ug/l	99
5) Bromomethane	2.53	94	125650	60.035	ug/l	99
6) Chloroethane	2.68	64	94520	49.204	ug/l	97
7) Trichlorofluoromethane	3.00	101	211585	50.024	ug/l	99
8) Diethyl Ether	3.40	74	81319	46.751	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	134990	52.539	ug/l	99
10) Methyl Iodide	3.94	142	194488	47.633	ug/l	99
11) Tert butyl alcohol	4.81	59	121428	230.635	ug/l	99
12) 1,1-Dichloroethene	3.72	96	128259	50.141	ug/l	94
13) Acrolein	3.60	56	42397	279.212	ug/l	100
14) Allyl chloride	4.31	41	206062	51.017	ug/l	100
15) Acrylonitrile	4.99	53	339979	265.269	ug/l	100
16) Acetone	3.82	43	368893	254.940	ug/l	100
17) Carbon Disulfide	4.04	76	300534	49.070	ug/l	99
18) Methyl Acetate	4.32	43	150609	53.024	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	407835	50.019	ug/l	99
20) Methylene Chloride	4.54	84	148081	49.673	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	136869	49.939	ug/l	97
22) Diisopropyl ether	5.95	45	417446	49.997	ug/l	98
23) Vinyl Acetate	5.89	43	1726899	262.637	ug/l	100
24) 1,1-Dichloroethane	5.84	63	244339	50.732	ug/l	99
25) 2-Butanone	6.84	43	481757	263.512	ug/l	99
26) 2,2-Dichloropropane	6.82	77	191940	51.072	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	161410	50.102	ug/l	98
28) Bromochloromethane	7.19	49	116936	51.341	ug/l	99
29) Tetrahydrofuran	7.21	42	289783	256.424	ug/l	100
30) Chloroform	7.37	83	248456	51.281	ug/l	100
31) Cyclohexane	7.65	56	222979	46.447	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	209694	51.829	ug/l	100
36) 1,1-Dichloropropene	7.79	75	184479	50.036	ug/l	99
37) Ethyl Acetate	6.93	43	175244	53.420	ug/l	99
38) Carbon Tetrachloride	7.77	117	181693	53.452	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056156.D
 Acq On : 10 Jun 2019 9:25
 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
 6/11/2019 12:08:01 PM

Quant Time: Jun 11 03:15:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	232704	50.666	ug/l	99
40) Benzene	8.04	78	574841	51.334	ug/l	100
41) Methacrylonitrile	7.17	41	91363	60.532	ug/l	97
42) 1,2-Dichloroethane	8.12	62	184765	51.295	ug/l	100
43) Isopropyl Acetate	8.17	43	273228	51.398	ug/l #	92
44) Trichloroethene	8.83	130	163575	50.835	ug/l	100
45) 1,2-Dichloropropane	9.12	63	152082	53.022	ug/l	99
46) Dibromomethane	9.21	93	99933	53.279	ug/l	99
47) Bromodichloromethane	9.40	83	189350	55.700	ug/l	99
48) Methyl methacrylate	9.20	41	140247	53.927	ug/l	97
49) 1,4-Dioxane	9.20	88	61129	1088.749	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	894734	269.148	ug/l	100
52) Toluene	10.15	92	363199	52.123	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	198814	49.889	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	225756	55.248	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	145601	52.750	ug/l	98
56) Ethyl methacrylate	10.43	69	215175	53.436	ug/l	99
57) 1,3-Dichloropropane	10.71	76	237292	52.884	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	371165	233.519	ug/l	99
59) 2-Hexanone	10.75	43	653321	271.156	ug/l	99
60) Dibromochloromethane	10.90	129	158087	51.835	ug/l	99
61) 1,2-Dibromoethane	11.00	107	150777	53.434	ug/l	98
64) Tetrachloroethene	10.63	164	166846	48.857	ug/l	98
65) Chlorobenzene	11.43	112	397388	50.612	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	147409	54.373	ug/l	99
67) Ethyl Benzene	11.51	91	691884	50.677	ug/l	99
68) m/p-Xylenes	11.62	106	542189	103.957	ug/l	98
69) o-Xylene	11.95	106	263397	51.342	ug/l	98
70) Styrene	11.96	104	445193	54.616	ug/l	99
71) Bromoform	12.13	173	116612	51.166	ug/l #	100
73) Isopropylbenzene	12.25	105	696280	52.632	ug/l	99
74) N-amyl acetate	12.07	43	240429	48.481	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	203169	47.042	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	162764m	47.546	ug/l	
77) Bromobenzene	12.53	156	189139	47.485	ug/l	96
78) n-propylbenzene	12.59	91	761280	48.368	ug/l	100
79) 2-Chlorotoluene	12.67	91	462206	53.088	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	585619	46.816	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	53587	52.130	ug/l	92
82) 4-Chlorotoluene	12.77	91	455198	49.434	ug/l	99
83) tert-Butylbenzene	12.99	119	505226	52.174	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	573459	48.344	ug/l	98
85) sec-Butylbenzene	13.17	105	668329	47.948	ug/l	100
86) p-Isopropyltoluene	13.29	119	612659	49.113	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	310560	50.377	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	300358	50.648	ug/l	99
89) n-Butylbenzene	13.61	91	473963	51.290	ug/l	100
90) Hexachloroethane	13.87	117	97969	52.076	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	304478	48.920	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32989	53.403	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
Data File : VN056156.D
Acq On : 10 Jun 2019 9:25
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
6/11/2019 12:08:01 PM

Quant Time: Jun 11 03:15:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	155951	45.856	ug/l	99
94) Hexachlorobutadiene	15.01	225	118233	55.620	ug/l	98
95) Naphthalene	15.13	128	385345	43.820	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	166028	47.650	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061019\
Data File : VN056156.D
Acq On : 10 Jun 2019 9:25
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
6/11/2019 12:08:01 PM

Quant Time: Jun 11 03:15:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

