

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063261.D
 Acq On : 5 Sep 2020 1:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:33:05 PM

Quant Time: Sep 07 02:11:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	261200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	526583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	507633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	230643	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	226908	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
35) Dibromofluoromethane	7.55	113	168067	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	10.06	98	606726	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.38	95	216672	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	88112	34.253	ug/l	99
3) Chloromethane	2.03	50	169263	45.188	ug/l	99
4) Vinyl Chloride	2.16	62	172500	41.690	ug/l	97
5) Bromomethane	2.53	94	191638	55.022	ug/l	100
6) Chloroethane	2.67	64	173245	52.660	ug/l	94
7) Trichlorofluoromethane	2.98	101	256534	44.517	ug/l	100
8) Diethyl Ether	3.37	74	107455	54.278	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	114169	40.595	ug/l	99
10) Methyl Iodide	3.91	142	185143	48.268	ug/l	99
11) Tert butyl alcohol	4.72	59	144481	275.662	ug/l	99
12) 1,1-Dichloroethene	3.69	96	124600	43.479	ug/l	92
13) Acrolein	3.56	56	52285	261.265	ug/l	98
14) Allyl chloride	4.27	41	245287	48.194	ug/l	96
15) Acrylonitrile	4.92	53	419962	285.706	ug/l	98
16) Acetone	3.77	43	361264	297.631	ug/l	97
17) Carbon Disulfide	4.01	76	340986	39.976	ug/l	98
18) Methyl Acetate	4.27	43	200393	64.389	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	597379	56.192	ug/l	97
20) Methylene Chloride	4.50	84	191049	56.036	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	162148	51.213	ug/l	90
22) Diisopropyl ether	5.89	45	630796	55.307	ug/l	98
23) Vinyl Acetate	5.84	43	2662415	292.555	ug/l	99
24) 1,1-Dichloroethane	5.79	63	327200	52.039	ug/l	98
25) 2-Butanone	6.78	43	564619	300.418	ug/l	100
26) 2,2-Dichloropropane	6.77	77	199485	35.017	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	208845	54.268	ug/l	93
28) Bromochloromethane	7.14	49	176556	53.747	ug/l	99
29) Tetrahydrofuran	7.16	42	382844	294.597	ug/l	99
30) Chloroform	7.33	83	360121	54.744	ug/l	99
31) Cyclohexane	7.61	56	202202	36.002	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	269503	47.544	ug/l	99
36) 1,1-Dichloropropene	7.75	75	217509	42.966	ug/l	98
37) Ethyl Acetate	6.87	43	252327	52.765	ug/l #	95
38) Carbon Tetrachloride	7.73	117	207679	40.453	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063261.D
 Acq On : 5 Sep 2020 1:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:33:05 PM

Quant Time: Sep 07 02:11:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	188177	33.088	ug/l	100
40) Benzene	8.00	78	753724	50.666	ug/l	98
41) Methacrylonitrile	7.13	41	116849m	54.791	ug/l	
42) 1,2-Dichloroethane	8.08	62	308222	55.466	ug/l	100
43) Isopropyl Acetate	8.12	43	452446	54.803	ug/l	99
44) Trichloroethene	8.80	130	186343	51.642	ug/l	95
45) 1,2-Dichloropropane	9.08	63	200426	50.886	ug/l	100
46) Dibromomethane	9.17	93	147224	56.404	ug/l	98
47) Bromodichloromethane	9.37	83	300268	53.669	ug/l	99
48) Methyl methacrylate	9.16	41	209207	56.212	ug/l	94
49) 1,4-Dioxane	9.16	88	63338	1100.293	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1368586	305.059	ug/l	100
52) Toluene	10.12	92	466372	50.326	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	311026	50.822	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	326196	50.778	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	203680	57.391	ug/l	99
56) Ethyl methacrylate	10.40	69	303516	56.196	ug/l	100
57) 1,3-Dichloropropane	10.68	76	350179	55.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	734715	262.696	ug/l	99
59) 2-Hexanone	10.72	43	987208	313.110	ug/l	99
60) Dibromochloromethane	10.87	129	220403	56.173	ug/l	98
61) 1,2-Dibromoethane	10.97	107	211340	57.285	ug/l	97
64) Tetrachloroethene	10.60	164	176288	48.360	ug/l	95
65) Chlorobenzene	11.41	112	495795	48.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	191146	50.354	ug/l	100
67) Ethyl Benzene	11.48	91	872566	46.781	ug/l	97
68) m/p-Xylenes	11.59	106	638469	92.422	ug/l	99
69) o-Xylene	11.92	106	323684	48.502	ug/l	99
70) Styrene	11.94	104	572278	49.897	ug/l	100
71) Bromoform	12.10	173	139044	53.973	ug/l #	97
73) Isopropylbenzene	12.23	105	783014	44.263	ug/l	99
74) N-amyl acetate	12.05	43	410148	55.974	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	277233	54.358	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	234079m	51.654	ug/l	
77) Bromobenzene	12.50	156	203555	50.879	ug/l	98
78) n-propylbenzene	12.57	91	886637	43.313	ug/l	100
79) 2-Chlorotoluene	12.65	91	569245	46.429	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	648504	44.042	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	85207	45.446	ug/l	98
82) 4-Chlorotoluene	12.75	91	595090	46.799	ug/l	100
83) tert-Butylbenzene	12.97	119	510375	40.416	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	690185	46.503	ug/l	97
85) sec-Butylbenzene	13.15	105	656424	39.885	ug/l	99
86) p-Isopropyltoluene	13.26	119	603714	41.317	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	360345	49.029	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	363489	47.763	ug/l	99
89) n-Butylbenzene	13.59	91	519093	38.455	ug/l	99
90) Hexachloroethane	13.85	117	101639	37.576	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	370210	51.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58819	52.458	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
Data File : VN063261.D
Acq On : 5 Sep 2020 1:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/8/2020 1:33:05 PM

Quant Time: Sep 07 02:11:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	178787	44.869	ug/l	98
94) Hexachlorobutadiene	14.98	225	51009	34.268	ug/l	95
95) Naphthalene	15.10	128	758751	57.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	173981	44.816	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
Data File : VN063261.D
Acq On : 5 Sep 2020 1:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/8/2020 1:33:05 PM

Quant Time: Sep 07 02:11:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

