

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059643.D
 Acq On : 17 Dec 2019 22:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/18/2019 10:05:12 AM

Quant Time: Dec 18 07:03:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	247235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	400347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	372903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	182591	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	7.57	113	127041	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.08	98	495402	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	181746	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	153885	48.168	ug/l	98
3) Chloromethane	2.04	50	218109	43.021	ug/l	100
4) Vinyl Chloride	2.17	62	221398	46.051	ug/l	98
5) Bromomethane	2.52	94	117153	41.917	ug/l	99
6) Chloroethane	2.67	64	123053	45.541	ug/l	99
7) Trichlorofluoromethane	2.99	101	254425	48.233	ug/l	99
8) Diethyl Ether	3.38	74	84755	51.424	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	126420	47.557	ug/l	100
10) Methyl Iodide	3.92	142	171636	48.771	ug/l	99
11) Tert butyl alcohol	4.75	59	151564	229.795	ug/l	100
12) 1,1-Dichloroethene	3.71	96	122726	47.327	ug/l	93
13) Acrolein	3.58	56	90808	193.279	ug/l	99
14) Allyl chloride	4.29	41	252393	47.412	ug/l	98
15) Acrylonitrile	4.95	53	408851	256.269	ug/l	99
16) Acetone	3.79	43	453704	212.414	ug/l	99
17) Carbon Disulfide	4.02	76	385104	43.230	ug/l	100
18) Methyl Acetate	4.29	43	224416	50.141	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	459205	50.154	ug/l	100
20) Methylene Chloride	4.52	84	145707	47.234	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	137235	47.472	ug/l	98
22) Diisopropyl ether	5.92	45	504940	51.450	ug/l	98
23) Vinyl Acetate	5.86	43	2081890	270.311	ug/l	99
24) 1,1-Dichloroethane	5.82	63	280636	50.480	ug/l	99
25) 2-Butanone	6.81	43	621947	243.501	ug/l	98
26) 2,2-Dichloropropane	6.80	77	227656	45.057	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	157098	49.042	ug/l	98
28) Bromochloromethane	7.17	49	117267	50.196	ug/l	98
29) Tetrahydrofuran	7.18	42	391618	251.646	ug/l	99
30) Chloroform	7.35	83	273600	49.998	ug/l	100
31) Cyclohexane	7.63	56	248981	47.398	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	238093	48.261	ug/l	99
36) 1,1-Dichloropropene	7.77	75	208128	49.851	ug/l	99
37) Ethyl Acetate	6.90	43	244115	50.307	ug/l	100
38) Carbon Tetrachloride	7.75	117	211824	48.894	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059643.D
 Acq On : 17 Dec 2019 22:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/18/2019 10:05:12 AM

Quant Time: Dec 18 07:03:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	233723	49.353	ug/l	99
40) Benzene	8.02	78	608142	49.843	ug/l	99
41) Methacrylonitrile	7.15	41	106327m	53.094	ug/l	
42) 1,2-Dichloroethane	8.10	62	233337	49.938	ug/l	100
43) Isopropyl Acetate	8.14	43	386074	51.174	ug/l	99
44) Trichloroethene	8.82	130	153722	48.100	ug/l	99
45) 1,2-Dichloropropane	9.10	63	167394	50.806	ug/l	98
46) Dibromomethane	9.19	93	106121	49.163	ug/l	99
47) Bromodichloromethane	9.39	83	219795	51.072	ug/l	99
48) Methyl methacrylate	9.18	41	174868	51.088	ug/l	98
49) 1,4-Dioxane	9.19	88	42088	858.036	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1202596	267.356	ug/l	100
52) Toluene	10.14	92	368297	49.128	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	246345	49.494	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	262566	50.186	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	146587	49.830	ug/l	99
56) Ethyl methacrylate	10.42	69	232033	53.131	ug/l	98
57) 1,3-Dichloropropane	10.70	76	258974	50.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	432007	311.036	ug/l	100
59) 2-Hexanone	10.74	43	910065	256.710	ug/l	100
60) Dibromochloromethane	10.90	129	164051	51.095	ug/l	100
61) 1,2-Dibromoethane	11.00	107	153049	49.056	ug/l	100
64) Tetrachloroethene	10.62	164	162061	46.620	ug/l	98
65) Chlorobenzene	11.43	112	381299	47.257	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	146766	47.888	ug/l	99
67) Ethyl Benzene	11.50	91	709857	48.739	ug/l	100
68) m/p-Xylenes	11.62	106	522929	97.232	ug/l	99
69) o-Xylene	11.94	106	247630	48.390	ug/l	99
70) Styrene	11.96	104	407215	49.528	ug/l	99
71) Bromoform	12.12	173	116217	50.446	ug/l #	98
73) Isopropylbenzene	12.25	105	673838	48.483	ug/l	100
74) N-amyl acetate	12.07	43	324341	50.875	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	217625	49.362	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	201526m	45.980	ug/l	
77) Bromobenzene	12.52	156	159660	46.712	ug/l	98
78) n-propylbenzene	12.59	91	803808	48.926	ug/l	99
79) 2-Chlorotoluene	12.67	91	473497	47.663	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	569075	48.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	84642	47.698	ug/l	99
82) 4-Chlorotoluene	12.77	91	486636	47.842	ug/l	100
83) tert-Butylbenzene	12.99	119	472276	47.415	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	580123	49.604	ug/l	99
85) sec-Butylbenzene	13.17	105	644267	48.626	ug/l	99
86) p-Isopropyltoluene	13.29	119	584059	48.672	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	287531	45.749	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	284975	44.972	ug/l	100
89) n-Butylbenzene	13.61	91	531368	47.231	ug/l	99
90) Hexachloroethane	13.87	117	111877	49.323	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	284653	45.924	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51536	43.056	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
Data File : VN059643.D
Acq On : 17 Dec 2019 22:06
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
12/18/2019 10:05:12 AM

Quant Time: Dec 18 07:03:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	176431	44.080	ug/l	98
94) Hexachlorobutadiene	15.00	225	87120	41.562	ug/l	98
95) Naphthalene	15.12	128	522361	43.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	177201	43.773	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121719\
Data File : VN059643.D
Acq On : 17 Dec 2019 22:06
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
12/18/2019 10:05:12 AM

Quant Time: Dec 18 07:03:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

