

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055886.D
 Acq On : 29 May 2019 18:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 9:35:36 AM

Quant Time: May 30 09:15:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	296761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	449769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	404660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	159476	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.59	113	137813	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.09	98	533201	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.40	95	185885	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	88710	44.416	ug/l	100
3) Chloromethane	2.06	50	130003	46.458	ug/l	99
4) Vinyl Chloride	2.18	62	138522	46.411	ug/l	99
5) Bromomethane	2.52	94	106732	57.160	ug/l	100
6) Chloroethane	2.67	64	81776	45.508	ug/l	100
7) Trichlorofluoromethane	3.00	101	183832	46.980	ug/l	98
8) Diethyl Ether	3.40	74	84690	48.289	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	117028	47.911	ug/l	98
10) Methyl Iodide	3.93	142	181712	50.884	ug/l	100
11) Tert butyl alcohol	4.82	59	149268	254.913	ug/l	99
12) 1,1-Dichloroethene	3.72	96	119728	47.438	ug/l	97
13) Acrolein	3.60	56	96965	231.261	ug/l	98
14) Allyl chloride	4.31	41	206807	47.798	ug/l	99
15) Acrylonitrile	4.99	53	358007	266.254	ug/l	98
16) Acetone	3.82	43	320128	237.628	ug/l	99
17) Carbon Disulfide	4.03	76	284588	39.688	ug/l	99
18) Methyl Acetate	4.33	43	156273	57.242	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	423581	50.322	ug/l	100
20) Methylene Chloride	4.54	84	143899	49.322	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	129786	47.866	ug/l	96
22) Diisopropyl ether	5.95	45	433718	51.540	ug/l	99
23) Vinyl Acetate	5.89	43	1835358	254.378	ug/l	100
24) 1,1-Dichloroethane	5.84	63	243021	49.600	ug/l	99
25) 2-Butanone	6.84	43	500347	265.938	ug/l	100
26) 2,2-Dichloropropane	6.82	77	187133	44.131	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	155891	49.280	ug/l	99
28) Bromochloromethane	7.19	49	120260	51.552	ug/l	98
29) Tetrahydrofuran	7.22	42	320330	268.854	ug/l	99
30) Chloroform	7.37	83	246396	50.426	ug/l	99
31) Cyclohexane	7.65	56	214493	46.629	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	208143	47.736	ug/l	100
36) 1,1-Dichloropropene	7.79	75	176592	45.054	ug/l	99
37) Ethyl Acetate	6.93	43	196917	51.981	ug/l	98
38) Carbon Tetrachloride	7.77	117	176844	43.315	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055886.D
 Acq On : 29 May 2019 18:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 9:35:36 AM

Quant Time: May 30 09:15:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	218751	45.069	ug/l	99
40) Benzene	8.04	78	567114	48.009	ug/l	99
41) Methacrylonitrile	7.17	41	86549	45.223	ug/l	91
42) 1,2-Dichloroethane	8.12	62	187917	48.683	ug/l	100
43) Isopropyl Acetate	8.17	43	314460	49.405	ug/l #	91
44) Trichloroethene	8.83	130	156858	47.631	ug/l	100
45) 1,2-Dichloropropane	9.12	63	150073	48.761	ug/l	99
46) Dibromomethane	9.21	93	98398	48.750	ug/l	98
47) Bromodichloromethane	9.40	83	190782	46.096	ug/l	98
48) Methyl methacrylate	9.20	41	155640	53.057	ug/l	98
49) 1,4-Dioxane	9.20	88	66606	1092.633	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	990161	263.402	ug/l	100
52) Toluene	10.15	92	360743	48.556	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	204613	46.315	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	230177	47.031	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	146969	49.380	ug/l	98
56) Ethyl methacrylate	10.43	69	233613	50.788	ug/l	99
57) 1,3-Dichloropropane	10.71	76	240273	49.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	448053	254.887	ug/l	99
59) 2-Hexanone	10.75	43	693610	260.095	ug/l	100
60) Dibromochloromethane	10.90	129	158736	45.782	ug/l	100
61) 1,2-Dibromoethane	11.00	107	151685	49.134	ug/l	98
64) Tetrachloroethene	10.63	164	155342	45.515	ug/l	98
65) Chlorobenzene	11.43	112	389677	48.103	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	144199	44.631	ug/l	99
67) Ethyl Benzene	11.51	91	689441	47.459	ug/l	99
68) m/p-Xylenes	11.62	106	531920	96.854	ug/l	99
69) o-Xylene	11.95	106	263036	48.275	ug/l	100
70) Styrene	11.96	104	438862	49.736	ug/l	100
71) Bromoform	12.13	173	116625	42.319	ug/l #	100
73) Isopropylbenzene	12.25	105	685260	53.076	ug/l	99
74) N-amyl acetate	12.07	43	261104	53.102	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	209521	54.952	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	171802m	55.125	ug/l	
77) Bromobenzene	12.53	156	178663	45.987	ug/l	98
78) n-propylbenzene	12.59	91	744963	47.078	ug/l	100
79) 2-Chlorotoluene	12.67	91	452669	53.276	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	569483	52.361	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	58967	43.578	ug/l	94
82) 4-Chlorotoluene	12.77	91	443497	47.680	ug/l	98
83) tert-Butylbenzene	12.99	119	498194	53.055	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	563293	51.844	ug/l	100
85) sec-Butylbenzene	13.17	105	647006	52.929	ug/l	99
86) p-Isopropyltoluene	13.29	119	593724	46.958	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	297980	48.438	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	286353	48.960	ug/l	99
89) n-Butylbenzene	13.61	91	460785	47.564	ug/l	99
90) Hexachloroethane	13.87	117	98013	40.727	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	297243	48.430	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37533	46.526	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
Data File : VN055886.D
Acq On : 29 May 2019 18:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/30/2019 9:35:36 AM

Quant Time: May 30 09:15:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	153870	44.041	ug/l	99
94) Hexachlorobutadiene	15.01	225	105391	48.747	ug/l	99
95) Naphthalene	15.13	128	437530	51.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	163082	50.266	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055886.D
 Acq On : 29 May 2019 18:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample ID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 9:35:36 AM

Quant Time: May 30 09:15:35 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

