

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060108.D
 Acq On : 14 Feb 2020 16:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/18/2020 9:30:34 AM

Quant Time: Feb 15 03:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	309799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	131629	55.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.18%	
35) Dibromofluoromethane	7.56	113	101983	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
50) Toluene-d8	10.08	98	410241	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.40	95	155921	56.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	104230	53.583	ug/l	99
3) Chloromethane	2.04	50	127614	55.128	ug/l	99
4) Vinyl Chloride	2.17	62	138818	52.611	ug/l	100
5) Bromomethane	2.54	94	86667	53.567	ug/l	98
6) Chloroethane	2.68	64	73556	55.116	ug/l	99
7) Trichlorofluoromethane	3.00	101	172245	50.632	ug/l	98
8) Diethyl Ether	3.38	74	62678	55.349	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.74	101	96541	51.115	ug/l	97
10) Methyl Iodide	3.93	142	134087	52.685	ug/l	99
11) Tert butyl alcohol	4.72	59	96617	272.649	ug/l	99
12) 1,1-Dichloroethene	3.71	96	96209	52.289	ug/l	98
13) Acrolein	3.57	56	83173	237.455	ug/l	97
14) Allyl chloride	4.29	41	151961	56.114	ug/l	95
15) Acrylonitrile	4.94	53	248759	287.448	ug/l	99
16) Acetone	3.78	43	237294	229.730	ug/l	99
17) Carbon Disulfide	4.03	76	288772	52.070	ug/l	99
18) Methyl Acetate	4.28	43	112477	57.967	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	325734	52.643	ug/l	99
20) Methylene Chloride	4.52	84	107810	52.316	ug/l	93
21) trans-1,2-Dichloroethene	5.00	96	105498	52.600	ug/l	98
22) Diisopropyl ether	5.91	45	344381	58.025	ug/l	96
23) Vinyl Acetate	5.85	43	1451784	291.284	ug/l	98
24) 1,1-Dichloroethane	5.81	63	197631	54.968	ug/l	99
25) 2-Butanone	6.79	43	344300	265.032	ug/l	96
26) 2,2-Dichloropropane	6.79	77	175742	51.462	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	121100	51.592	ug/l	97
28) Bromochloromethane	7.16	49	81818	57.884	ug/l	91
29) Tetrahydrofuran	7.17	42	221129	277.464	ug/l	95
30) Chloroform	7.34	83	199851	53.064	ug/l	99
31) Cyclohexane	7.63	56	179137	53.486	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	177801	51.661	ug/l	98
36) 1,1-Dichloropropene	7.77	75	152143	53.021	ug/l	99
37) Ethyl Acetate	6.89	43	143487	55.329	ug/l	99
38) Carbon Tetrachloride	7.75	117	154748	49.656	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060108.D
 Acq On : 14 Feb 2020 16:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/18/2020 9:30:34 AM

Quant Time: Feb 15 03:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	188929	53.040	ug/l	98
40) Benzene	8.02	78	447439	52.566	ug/l	99
41) Methacrylonitrile	7.15	41	76882m	70.691	ug/l	
42) 1,2-Dichloroethane	8.10	62	159651	53.515	ug/l	98
43) Isopropyl Acetate	8.14	43	247601	55.852	ug/l	98
44) Trichloroethene	8.81	130	118616	50.327	ug/l	96
45) 1,2-Dichloropropane	9.10	63	118992	56.465	ug/l	99
46) Dibromomethane	9.19	93	76543	51.399	ug/l	97
47) Bromodichloromethane	9.38	83	161962	53.494	ug/l	99
48) Methyl methacrylate	9.18	41	109194	54.899	ug/l	98
49) 1,4-Dioxane	9.18	88	39362	1158.254	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	717318	279.550	ug/l	98
52) Toluene	10.14	92	288189	52.797	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	184328	53.936	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	195206	54.244	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	110655	51.964	ug/l	99
56) Ethyl methacrylate	10.42	69	169238	56.180	ug/l	97
57) 1,3-Dichloropropane	10.70	76	185334	52.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	390949	278.575	ug/l	97
59) 2-Hexanone	10.74	43	535160	269.990	ug/l	99
60) Dibromochloromethane	10.89	129	125751	51.460	ug/l	99
61) 1,2-Dibromoethane	10.99	107	116326	52.110	ug/l	99
64) Tetrachloroethene	10.62	164	107491	47.916	ug/l	98
65) Chlorobenzene	11.42	112	306070	50.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	114162	50.194	ug/l	99
67) Ethyl Benzene	11.50	91	568620	52.439	ug/l	99
68) m/p-Xylenes	11.61	106	424636	104.340	ug/l	99
69) o-Xylene	11.94	106	203851	52.022	ug/l	99
70) Styrene	11.96	104	337411	53.397	ug/l	99
71) Bromoform	12.12	173	92665	50.655	ug/l #	98
73) Isopropylbenzene	12.24	105	559548	50.273	ug/l	99
74) N-amyl acetate	12.06	43	224843	56.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	163671	51.089	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	143647m	50.374	ug/l	
77) Bromobenzene	12.52	156	136213	49.314	ug/l	96
78) n-propylbenzene	12.59	91	647248	51.041	ug/l	99
79) 2-Chlorotoluene	12.67	91	373304	50.085	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	468368	50.611	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	60631	52.060	ug/l	98
82) 4-Chlorotoluene	12.77	91	397283	51.953	ug/l	98
83) tert-Butylbenzene	12.99	119	401837	49.086	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	468786	51.317	ug/l	100
85) sec-Butylbenzene	13.17	105	548448	50.587	ug/l	100
86) p-Isopropyltoluene	13.28	119	500802	50.983	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	246047	50.323	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	246388	50.403	ug/l	99
89) n-Butylbenzene	13.61	91	458793	53.102	ug/l	99
90) Hexachloroethane	13.87	117	90404	49.263	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	235911	49.303	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32599	47.823	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
Data File : VN060108.D
Acq On : 14 Feb 2020 16:31
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/18/2020 9:30:34 AM

Quant Time: Feb 15 03:08:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	144748	51.485	ug/l	99
94) Hexachlorobutadiene	15.01	225	77389	47.019	ug/l	99
95) Naphthalene	15.13	128	369968	48.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	134764	48.133	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021420\
Data File : VN060108.D
Acq On : 14 Feb 2020 16:31
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/18/2020 9:30:34 AM

Quant Time: Feb 15 03:08:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

