

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101719\
 Data File : VN058841.D
 Acq On : 17 Oct 2019 20:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 3:25:45 PM

Quant Time: Oct 18 04:57:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	350433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	566507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	531312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267790	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	269787	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
35) Dibromofluoromethane	7.57	113	196053	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
50) Toluene-d8	10.08	98	743008	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.40	95	281107	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	227682	52.167	ug/l	99
3) Chloromethane	2.04	50	259325	49.968	ug/l	100
4) Vinyl Chloride	2.17	62	268789	52.000	ug/l	99
5) Bromomethane	2.54	94	162058	51.538	ug/l	98
6) Chloroethane	2.68	64	170426	53.454	ug/l	99
7) Trichlorofluoromethane	3.00	101	333640	53.933	ug/l	100
8) Diethyl Ether	3.39	74	120465	52.705	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	193744	54.928	ug/l	96
10) Methyl Iodide	3.93	142	251093	52.166	ug/l	98
11) Tert butyl alcohol	4.75	59	213884	269.194	ug/l	99
12) 1,1-Dichloroethene	3.72	96	179348	53.292	ug/l	95
13) Acrolein	3.58	56	92850	145.303	ug/l	99
14) Allyl chloride	4.30	41	368309	54.230	ug/l	98
15) Acrylonitrile	4.96	53	591128	295.019	ug/l	98
16) Acetone	3.79	43	560954	276.188	ug/l	99
17) Carbon Disulfide	4.03	76	517011	48.060	ug/l	100
18) Methyl Acetate	4.30	43	316408	61.415	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	681693	56.726	ug/l	96
20) Methylene Chloride	4.53	84	221530	52.188	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	198623	52.763	ug/l	98
22) Diisopropyl ether	5.93	45	767900	58.152	ug/l	99
23) Vinyl Acetate	5.87	43	3240420	304.114	ug/l	100
24) 1,1-Dichloroethane	5.82	63	420773	55.948	ug/l	99
25) 2-Butanone	6.81	43	844786	287.765	ug/l	100
26) 2,2-Dichloropropane	6.80	77	337799	49.204	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	231991	52.848	ug/l	100
28) Bromochloromethane	7.18	49	145118	55.464	ug/l	98
29) Tetrahydrofuran	7.19	42	557015	293.609	ug/l	100
30) Chloroform	7.35	83	420506	55.651	ug/l	99
31) Cyclohexane	7.63	56	365824	50.837	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	363371	56.388	ug/l	99
36) 1,1-Dichloropropene	7.77	75	306537	53.518	ug/l	99
37) Ethyl Acetate	6.91	43	349142	60.273	ug/l	98
38) Carbon Tetrachloride	7.75	117	315414	56.502	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101719\
 Data File : VN058841.D
 Acq On : 17 Oct 2019 20:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 3:25:45 PM

Quant Time: Oct 18 04:57:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	344533	51.837	ug/l	97
40) Benzene	8.02	78	910883	55.372	ug/l	99
41) Methacrylonitrile	7.16	41	160249m	59.098	ug/l	
42) 1,2-Dichloroethane	8.11	62	355789	56.297	ug/l	100
43) Isopropyl Acetate	8.15	43	569200	57.681	ug/l	99
44) Trichloroethene	8.82	130	218413	53.466	ug/l	99
45) 1,2-Dichloropropane	9.11	63	255885	58.106	ug/l	99
46) Dibromomethane	9.20	93	160651	57.540	ug/l	98
47) Bromodichloromethane	9.39	83	334871	58.899	ug/l	99
48) Methyl methacrylate	9.19	41	264646	59.163	ug/l	99
49) 1,4-Dioxane	9.19	88	74965	1083.285	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1786182	322.296	ug/l	99
52) Toluene	10.15	92	555417	55.204	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	373290	57.245	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	391354	56.525	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	227322	55.202	ug/l	99
56) Ethyl methacrylate	10.43	69	358007	59.508	ug/l	99
57) 1,3-Dichloropropane	10.70	76	402548	57.365	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	806764	278.264	ug/l	99
59) 2-Hexanone	10.75	43	1339840	312.833	ug/l	99
60) Dibromochloromethane	10.90	129	249965	58.843	ug/l	100
61) 1,2-Dibromoethane	11.00	107	233826	56.677	ug/l	99
64) Tetrachloroethene	10.63	164	195798	52.658	ug/l	95
65) Chlorobenzene	11.43	112	595493	55.190	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	229530	57.529	ug/l	99
67) Ethyl Benzene	11.51	91	1095765	56.971	ug/l	100
68) m/p-Xylenes	11.62	106	810124	112.238	ug/l	99
69) o-Xylene	11.95	106	386165	55.297	ug/l	100
70) Styrene	11.97	104	652521	57.009	ug/l	99
71) Bromoform	12.13	173	178994	61.205	ug/l	98
73) Isopropylbenzene	12.25	105	1071421	55.245	ug/l	99
74) N-amyl acetate	12.07	43	503981	57.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	362769	56.781	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	337248m	57.407	ug/l	
77) Bromobenzene	12.53	156	255091	54.076	ug/l	99
78) n-propylbenzene	12.59	91	1266591	56.046	ug/l	100
79) 2-Chlorotoluene	12.68	91	749967	53.467	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	919986	55.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	121794	55.535	ug/l	96
82) 4-Chlorotoluene	12.78	91	774653	53.819	ug/l	100
83) tert-Butylbenzene	13.00	119	778277	54.869	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	926528	56.368	ug/l	100
85) sec-Butylbenzene	13.18	105	1057722	56.592	ug/l	99
86) p-Isopropyltoluene	13.29	119	952196	56.055	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	462041	53.111	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	456555	51.616	ug/l	99
89) n-Butylbenzene	13.62	91	865173	55.082	ug/l	99
90) Hexachloroethane	13.88	117	176797	58.167	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	457753	53.987	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	79168	53.041	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101719\
Data File : VN058841.D
Acq On : 17 Oct 2019 20:18
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/18/2019 3:25:45 PM

Quant Time: Oct 18 04:57:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	270452	52.289	ug/l	99
94) Hexachlorobutadiene	15.01	225	140122	51.444	ug/l	99
95) Naphthalene	15.13	128	787970	53.009	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	258458	51.182	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101719\
Data File : VN058841.D
Acq On : 17 Oct 2019 20:18
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/18/2019 3:25:45 PM

Quant Time: Oct 18 04:57:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

