

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058420.D
 Acq On : 30 Sep 2019 9:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:22:11 AM

Quant Time: Oct 01 01:49:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	462518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	769003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	702974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	345253	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	327701	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.57	113	238513	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.08	98	938400	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.40	95	349248	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	239527	47.230	ug/l	98
3) Chloromethane	2.03	50	267193	47.923	ug/l	99
4) Vinyl Chloride	2.17	62	260180	47.636	ug/l	98
5) Bromomethane	2.55	94	145470	50.143	ug/l	99
6) Chloroethane	2.69	64	153847	47.011	ug/l	96
7) Trichlorofluoromethane	3.00	101	318802	48.368	ug/l	97
8) Diethyl Ether	3.39	74	136942	48.154	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	217823	48.662	ug/l	98
10) Methyl Iodide	3.93	142	242690	48.896	ug/l	99
11) Tert butyl alcohol	4.75	59	181420	241.615	ug/l	99
12) 1,1-Dichloroethene	3.72	96	208945	47.888	ug/l	99
13) Acrolein	3.58	56	53761	225.111	ug/l	99
14) Allyl chloride	4.30	41	392917	49.484	ug/l	99
15) Acrylonitrile	4.95	53	522936	238.963	ug/l	99
16) Acetone	3.79	43	631993	274.295	ug/l	99
17) Carbon Disulfide	4.03	76	600898	52.246	ug/l	99
18) Methyl Acetate	4.29	43	250737	43.268	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	731203	47.497	ug/l	98
20) Methylene Chloride	4.53	84	250105	47.037	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	236375	48.718	ug/l	99
22) Diisopropyl ether	5.92	45	831361	48.655	ug/l	96
23) Vinyl Acetate	5.87	43	3380859	262.414	ug/l	100
24) 1,1-Dichloroethane	5.82	63	474652	49.359	ug/l	100
25) 2-Butanone	6.81	43	780745	246.805	ug/l	100
26) 2,2-Dichloropropane	6.80	77	402241	50.880	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	275521	48.587	ug/l	99
28) Bromochloromethane	7.17	49	191080	49.710	ug/l	97
29) Tetrahydrofuran	7.19	42	461482	229.846	ug/l	99
30) Chloroform	7.35	83	476744	48.924	ug/l	100
31) Cyclohexane	7.63	56	435969	46.607	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	405622	50.689	ug/l	100
36) 1,1-Dichloropropene	7.77	75	367653	49.999	ug/l	100
37) Ethyl Acetate	6.91	43	308448	49.476	ug/l	100
38) Carbon Tetrachloride	7.75	117	341945	51.519	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058420.D
 Acq On : 30 Sep 2019 9:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:22:11 AM

Quant Time: Oct 01 01:49:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	442442	51.525	ug/l	99
40) Benzene	8.02	78	1058658	50.087	ug/l	100
41) Methacrylonitrile	7.15	41	150410m	52.443	ug/l	
42) 1,2-Dichloroethane	8.11	62	404428	49.181	ug/l	99
43) Isopropyl Acetate	8.15	43	542087	46.240	ug/l	99
44) Trichloroethene	8.82	130	262096	50.220	ug/l	96
45) 1,2-Dichloropropane	9.11	63	287743	50.760	ug/l	100
46) Dibromomethane	9.20	93	179325	49.953	ug/l	99
47) Bromodichloromethane	9.39	83	370616	54.489	ug/l	99
48) Methyl methacrylate	9.19	41	254904	47.751	ug/l	98
49) 1,4-Dioxane	9.19	88	82893	1161.323	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1540623	255.839	ug/l	99
52) Toluene	10.15	92	668916	50.280	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	411074	55.527	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	448235	54.544	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	248054	51.207	ug/l	99
56) Ethyl methacrylate	10.43	69	381303	51.874	ug/l	99
57) 1,3-Dichloropropane	10.70	76	443242	51.297	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	744374	253.964	ug/l	100
59) 2-Hexanone	10.75	43	1154036	263.190	ug/l	100
60) Dibromochloromethane	10.90	129	260950	52.042	ug/l	97
61) 1,2-Dibromoethane	11.00	107	252065	50.925	ug/l	99
64) Tetrachloroethene	10.63	164	218259	48.869	ug/l	98
65) Chlorobenzene	11.43	112	695689	49.786	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	249386	52.971	ug/l	99
67) Ethyl Benzene	11.51	91	1301613	51.427	ug/l	99
68) m/p-Xylenes	11.62	106	967180	101.566	ug/l	99
69) o-Xylene	11.95	106	455711	49.713	ug/l	96
70) Styrene	11.97	104	789690	53.027	ug/l	99
71) Bromoform	12.13	173	163894	50.369	ug/l #	99
73) Isopropylbenzene	12.25	105	1273019	49.893	ug/l	100
74) N-amyl acetate	12.07	43	488331	48.109	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	350678	46.479	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	304308m	48.256	ug/l	
77) Bromobenzene	12.53	156	286353	47.863	ug/l	98
78) n-propylbenzene	12.59	91	1515118	52.708	ug/l	100
79) 2-Chlorotoluene	12.68	91	872733	49.188	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1093912	51.216	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	106688	51.383	ug/l	99
82) 4-Chlorotoluene	12.78	91	919559	50.791	ug/l	100
83) tert-Butylbenzene	13.00	119	904165	50.168	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	1096734	51.251	ug/l	99
85) sec-Butylbenzene	13.18	105	1244982	52.483	ug/l	99
86) p-Isopropyltoluene	13.29	119	1124629	53.860	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	539694	49.749	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	538530	49.895	ug/l	99
89) n-Butylbenzene	13.62	91	1022446	54.056	ug/l	100
90) Hexachloroethane	13.88	117	179456	57.201	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	517569	49.655	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	66731	50.155	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
Data File : VN058420.D
Acq On : 30 Sep 2019 9:27
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:22:11 AM

Quant Time: Oct 01 01:49:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	317268	55.082	ug/l	100
94) Hexachlorobutadiene	15.02	225	143718	48.545	ug/l	98
95) Naphthalene	15.13	128	815203	48.327	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	292094	50.582	ug/l	100

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

