

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059380.D
 Acq On : 25 Nov 2019 13:12
 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

apatel
 11/26/2019 12:32:07 PM

Quant Time: Nov 25 17:18:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	367100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	571381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	517722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	223371	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.57	113	182445	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	10.08	98	741492	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.40	95	268690	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	228145	48.545	ug/l	100
3) Chloromethane	2.04	50	276743	48.067	ug/l	99
4) Vinyl Chloride	2.17	62	295214	49.803	ug/l	99
5) Bromomethane	2.54	94	162036	49.237	ug/l	99
6) Chloroethane	2.68	64	150201	46.428	ug/l	99
7) Trichlorofluoromethane	3.00	101	293928	46.046	ug/l	99
8) Diethyl Ether	3.38	74	132097	50.620	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	192475	49.312	ug/l	98
10) Methyl Iodide	3.92	142	264663	54.558	ug/l	99
11) Tert butyl alcohol	4.75	59	215459	244.323	ug/l	100
12) 1,1-Dichloroethene	3.71	96	193315	48.792	ug/l	98
13) Acrolein	3.58	56	168686	209.547	ug/l	99
14) Allyl chloride	4.29	41	364119	49.195	ug/l	98
15) Acrylonitrile	4.95	53	565121	242.369	ug/l	100
16) Acetone	3.79	43	606852	307.276	ug/l	99
17) Carbon Disulfide	4.02	76	595423	47.958	ug/l	100
18) Methyl Acetate	4.29	43	317577	48.454	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	652664	51.002	ug/l	99
20) Methylene Chloride	4.52	84	228221	51.237	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	210291	50.081	ug/l	98
22) Diisopropyl ether	5.92	45	701324	50.326	ug/l	99
23) Vinyl Acetate	5.86	43	2756860	251.568	ug/l	100
24) 1,1-Dichloroethane	5.82	63	394607	50.307	ug/l	99
25) 2-Butanone	6.80	43	801113	260.863	ug/l	98
26) 2,2-Dichloropropane	6.79	77	339958	50.052	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	235780	49.768	ug/l	98
28) Bromochloromethane	7.17	49	160541	50.234	ug/l	96
29) Tetrahydrofuran	7.18	42	494481	232.862	ug/l	99
30) Chloroform	7.35	83	373093	49.013	ug/l	99
31) Cyclohexane	7.63	56	361009	46.548	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	319726	48.887	ug/l	100
36) 1,1-Dichloropropene	7.77	75	294804	49.978	ug/l	99
37) Ethyl Acetate	6.90	43	303027	47.800	ug/l	99
38) Carbon Tetrachloride	7.75	117	283355	50.179	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059380.D
 Acq On : 25 Nov 2019 13:12
 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

apatel
 11/26/2019 12:32:07 PM

Quant Time: Nov 25 17:18:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	362096	50.907	ug/l	99
40) Benzene	8.02	78	893349	51.602	ug/l	99
41) Methacrylonitrile	7.15	41	128529	45.671	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	287689	50.245	ug/l	99
43) Isopropyl Acetate	8.14	43	483492	49.904	ug/l	98
44) Trichloroethene	8.82	130	226358	51.590	ug/l	97
45) 1,2-Dichloropropane	9.10	63	238395	51.640	ug/l	98
46) Dibromomethane	9.19	93	144058	50.874	ug/l	99
47) Bromodichloromethane	9.39	83	295167	52.048	ug/l	98
48) Methyl methacrylate	9.18	41	220164	49.972	ug/l	97
49) 1,4-Dioxane	9.18	88	82445	1245.102	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1483064	261.523	ug/l	99
52) Toluene	10.15	92	543481	52.208	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	347590	52.726	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	382182	53.425	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	213133	52.659	ug/l	99
56) Ethyl methacrylate	10.42	69	338314	49.515	ug/l	98
57) 1,3-Dichloropropane	10.70	76	370375	52.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	714749	281.691	ug/l	100
59) 2-Hexanone	10.74	43	1129429	271.990	ug/l	97
60) Dibromochloromethane	10.90	129	230728	54.097	ug/l	99
61) 1,2-Dibromoethane	11.00	107	220692	52.404	ug/l	100
64) Tetrachloroethene	10.63	164	202860	50.663	ug/l	99
65) Chlorobenzene	11.43	112	573430	51.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	213744	52.853	ug/l	99
67) Ethyl Benzene	11.51	91	1048303	52.741	ug/l	99
68) m/p-Xylenes	11.62	106	785276	106.324	ug/l	100
69) o-Xylene	11.95	106	375574	53.117	ug/l	98
70) Styrene	11.96	104	620475	55.614	ug/l	100
71) Bromoform	12.13	173	166377	54.323	ug/l #	100
73) Isopropylbenzene	12.25	105	1009346	50.248	ug/l	99
74) N-amyl acetate	12.07	43	409154	50.683	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	319724	48.117	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	306969m	54.188	ug/l	
77) Bromobenzene	12.53	156	242532	49.779	ug/l	98
78) n-propylbenzene	12.59	91	1188290	52.224	ug/l	100
79) 2-Chlorotoluene	12.67	91	690994	49.476	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	856811	50.741	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	118749	52.430	ug/l	96
82) 4-Chlorotoluene	12.77	91	721793	49.943	ug/l	99
83) tert-Butylbenzene	12.99	119	733951	51.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	852528	51.540	ug/l	100
85) sec-Butylbenzene	13.17	105	990344	51.667	ug/l	100
86) p-Isopropyltoluene	13.29	119	897903	52.642	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	439819	50.691	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	435692	50.753	ug/l	99
89) n-Butylbenzene	13.62	91	794329	53.087	ug/l	99
90) Hexachloroethane	13.88	117	161230	49.912	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	425601	50.699	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59757	42.299	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
Data File : VN059380.D
Acq On : 25 Nov 2019 13:12
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

apatel
11/26/2019 12:32:07 PM

Quant Time: Nov 25 17:18:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	252178	48.399	ug/l	100
94) Hexachlorobutadiene	15.01	225	151546	50.107	ug/l	99
95) Naphthalene	15.13	128	656287	45.688	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	246423	48.159	ug/l	99

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

