

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057954.D
 Acq On : 12 Sep 2019 8:54
 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
 9/13/2019 1:05:26 PM

Quant Time: Sep 13 04:57:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	348244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	558017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	539168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	330403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	357146	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.57	113	257521	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.09	98	1056232	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	382954	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	227374	47.211	ug/l	98
3) Chloromethane	2.03	50	204245	41.610	ug/l	98
4) Vinyl Chloride	2.16	62	218729	42.103	ug/l	99
5) Bromomethane	2.53	94	124188	43.297	ug/l	98
6) Chloroethane	2.67	64	141412	42.717	ug/l	98
7) Trichlorofluoromethane	2.99	101	281134	43.002	ug/l	99
8) Diethyl Ether	3.39	74	119448	43.805	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	192522	46.681	ug/l	100
10) Methyl Iodide	3.92	142	189311	41.249	ug/l	99
11) Tert butyl alcohol	4.76	59	172419	201.970	ug/l	99
12) 1,1-Dichloroethene	3.71	96	162590	43.846	ug/l	98
13) Acrolein	3.58	56	147692	203.920	ug/l	100
14) Allyl chloride	4.29	41	320461	44.159	ug/l	98
15) Acrylonitrile	4.96	53	531325	226.439	ug/l	99
16) Acetone	3.79	43	608409	263.126	ug/l	97
17) Carbon Disulfide	4.02	76	244091	42.318	ug/l	100
18) Methyl Acetate	4.30	43	286618	46.490	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	714095	46.273	ug/l	100
20) Methylene Chloride	4.52	84	221462	50.319	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	179015	44.658	ug/l	96
22) Diisopropyl ether	5.92	45	824873	48.470	ug/l	100
23) Vinyl Acetate	5.87	43	2981901	247.239	ug/l	99
24) 1,1-Dichloroethane	5.82	63	439326	47.235	ug/l	99
25) 2-Butanone	6.81	43	813967	243.221	ug/l	99
26) 2,2-Dichloropropane	6.80	77	348467	47.343	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	249427	46.431	ug/l	99
28) Bromochloromethane	7.17	49	233347	50.219	ug/l	98
29) Tetrahydrofuran	7.19	42	463174	224.602	ug/l	99
30) Chloroform	7.35	83	457942	47.090	ug/l	98
31) Cyclohexane	7.63	56	310968	49.019	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	360702	46.766	ug/l	99
36) 1,1-Dichloropropene	7.77	75	294939	45.575	ug/l	100
37) Ethyl Acetate	6.91	43	298699	44.673	ug/l	100
38) Carbon Tetrachloride	7.76	117	288701	48.862	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057954.D
 Acq On : 12 Sep 2019 8:54
 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
 9/13/2019 1:05:26 PM

Quant Time: Sep 13 04:57:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	309115	45.438	ug/l	98
40) Benzene	8.02	78	922717	47.359	ug/l	97
41) Methacrylonitrile	7.15	41	131033	43.172	ug/l	94
42) 1,2-Dichloroethane	8.11	62	373730	47.962	ug/l	100
43) Isopropyl Acetate	8.15	43	527662	46.928	ug/l	99
44) Trichloroethene	8.82	130	223954	46.865	ug/l	100
45) 1,2-Dichloropropane	9.11	63	275305	48.560	ug/l	100
46) Dibromomethane	9.20	93	164965	48.152	ug/l	99
47) Bromodichloromethane	9.39	83	348655	50.964	ug/l	98
48) Methyl methacrylate	9.19	41	268986	47.159	ug/l	99
49) 1,4-Dioxane	9.19	88	84892	880.113	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1649911	247.960	ug/l	100
52) Toluene	10.15	92	594784	48.469	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	364467	50.591	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	404689	50.879	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	254978	49.053	ug/l	98
56) Ethyl methacrylate	10.43	69	381336	48.716	ug/l	99
57) 1,3-Dichloropropane	10.71	76	437935	48.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	804031	218.084	ug/l	100
59) 2-Hexanone	10.75	43	1276146	255.875	ug/l	100
60) Dibromochloromethane	10.90	129	248737	51.532	ug/l	100
61) 1,2-Dibromoethane	11.00	107	242396	49.325	ug/l	100
64) Tetrachloroethene	10.63	164	180063	45.231	ug/l	99
65) Chlorobenzene	11.43	112	675541	47.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	241497	49.323	ug/l	100
67) Ethyl Benzene	11.51	91	1227786	49.650	ug/l	99
68) m/p-Xylenes	11.62	106	896311	98.950	ug/l	100
69) o-Xylene	11.95	106	440548	48.921	ug/l	98
70) Styrene	11.97	104	789639	50.951	ug/l	100
71) Bromoform	12.13	173	151606	49.664	ug/l #	99
73) Isopropylbenzene	12.25	105	1244198	48.529	ug/l	99
74) N-amyl acetate	12.07	43	514655	46.125	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	391969	45.407	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	322395m	43.134	ug/l	
77) Bromobenzene	12.53	156	288195	45.086	ug/l	99
78) n-propylbenzene	12.59	91	1471744	49.990	ug/l	99
79) 2-Chlorotoluene	12.68	91	871130	46.816	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1072576	49.512	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	99020	46.620	ug/l	93
82) 4-Chlorotoluene	12.78	91	928139	48.572	ug/l	98
83) tert-Butylbenzene	13.00	119	921001	47.829	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1108807	50.362	ug/l	98
85) sec-Butylbenzene	13.18	105	1269529	49.741	ug/l	100
86) p-Isopropyltoluene	13.29	119	1154137	51.322	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	564300	48.096	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	559039	46.941	ug/l	100
89) n-Butylbenzene	13.62	91	1083605	51.025	ug/l	99
90) Hexachloroethane	13.88	117	169482	50.676	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	554164	47.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	68206	47.844	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
Data File : VN057954.D
Acq On : 12 Sep 2019 8:54
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
9/13/2019 1:05:26 PM

Quant Time: Sep 13 04:57:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	340522	44.446	ug/l	98
94) Hexachlorobutadiene	15.02	225	154732	47.643	ug/l	97
95) Naphthalene	15.13	128	934910	48.282	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	318237	47.628	ug/l	99

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

