

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057414.D
 Acq On : 19 Aug 2019 21:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 9:45:28 AM

Quant Time: Aug 20 09:01:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	845433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1223999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1120712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	453246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	449357	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	7.58	113	415687	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	10.08	98	1547208	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.40	95	527031	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	314872	43.282	ug/l	97
3) Chloromethane	2.05	50	356922	41.566	ug/l	99
4) Vinyl Chloride	2.18	62	347018	42.956	ug/l	99
5) Bromomethane	2.54	94	273289m	47.458	ug/l	
6) Chloroethane	2.69	64	243587	43.836	ug/l	98
7) Trichlorofluoromethane	3.01	101	581335	45.877	ug/l	98
8) Diethyl Ether	3.40	74	214905	45.060	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	344497	46.273	ug/l	98
10) Methyl Iodide	3.95	142	600714	50.480	ug/l	99
11) Tert butyl alcohol	4.75	59	277259	212.198	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	341435	46.029	ug/l	97
13) Acrolein	3.60	56	109797	138.424	ug/l	99
14) Allyl chloride	4.31	41	511532	43.021	ug/l	98
15) Acrylonitrile	4.97	53	787317	221.948	ug/l	100
16) Acetone	3.80	43	599878	188.152	ug/l	98
17) Carbon Disulfide	4.05	76	855735	42.821	ug/l	99
18) Methyl Acetate	4.31	43	378653	44.165	ug/l	97
19) Methyl tert-butyl Ether	5.02	73	1082270	46.499	ug/l	98
20) Methylene Chloride	4.54	84	392833	44.037	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	368148	46.151	ug/l	93
22) Diisopropyl ether	5.94	45	1041282	44.331	ug/l	97
23) Vinyl Acetate	5.88	43	4150639	219.565	ug/l	98
24) 1,1-Dichloroethane	5.83	63	651049	45.052	ug/l	99
25) 2-Butanone	6.82	43	950076	205.780	ug/l	93
26) 2,2-Dichloropropane	6.81	77	494417	42.334	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	437895	46.369	ug/l	97
28) Bromochloromethane	7.18	49	290952	45.314	ug/l #	92
29) Tetrahydrofuran	7.19	42	612023	209.465	ug/l	97
30) Chloroform	7.36	83	684946	45.229	ug/l	97
31) Cyclohexane	7.64	56	523205	41.779	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	623048	48.915	ug/l	99
36) 1,1-Dichloropropene	7.78	75	493143	45.631	ug/l	99
37) Ethyl Acetate	6.91	43	395754	44.710	ug/l	99
38) Carbon Tetrachloride	7.77	117	554943	49.422	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057414.D
 Acq On : 19 Aug 2019 21:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 9:45:28 AM

Quant Time: Aug 20 09:01:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	571003	45.249	ug/l	98
40) Benzene	8.03	78	1540553	46.606	ug/l	98
41) Methacrylonitrile	7.17	41	206263m	51.745	ug/l	
42) 1,2-Dichloroethane	8.12	62	514106	46.992	ug/l	100
43) Isopropyl Acetate	8.15	43	763666	47.111	ug/l	99
44) Trichloroethene	8.83	130	452084	48.647	ug/l	96
45) 1,2-Dichloropropane	9.11	63	395224	46.386	ug/l	100
46) Dibromomethane	9.20	93	261799	46.058	ug/l	94
47) Bromodichloromethane	9.40	83	552639	49.071	ug/l	99
48) Methyl methacrylate	9.19	41	319630	43.851	ug/l	96
49) 1,4-Dioxane	9.19	88	138521	903.686	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2014756	220.635	ug/l	99
52) Toluene	10.15	92	997764	48.496	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	582250	47.797	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	640246	47.662	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	389128	48.099	ug/l	99
56) Ethyl methacrylate	10.42	69	567968	48.107	ug/l	97
57) 1,3-Dichloropropane	10.70	76	628837	46.528	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	595109	175.378	ug/l	97
59) 2-Hexanone	10.75	43	1423995	216.909	ug/l	97
60) Dibromochloromethane	10.90	129	463462	51.120	ug/l	100
61) 1,2-Dibromoethane	11.00	107	415316	48.191	ug/l	99
64) Tetrachloroethene	10.63	164	459788	47.458	ug/l	98
65) Chlorobenzene	11.43	112	1119598	48.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	437784	50.011	ug/l	99
67) Ethyl Benzene	11.51	91	1921303	48.045	ug/l	100
68) m/p-Xylenes	11.62	106	1452712	98.597	ug/l	98
69) o-Xylene	11.95	106	711850	49.206	ug/l	99
70) Styrene	11.96	104	1178756	51.116	ug/l	99
71) Bromoform	12.13	173	360410	52.188	ug/l #	100
73) Isopropylbenzene	12.25	105	1922778	53.590	ug/l	99
74) N-amyl acetate	12.07	43	544357	41.389	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	513107	51.021	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	461834m	51.812	ug/l	
77) Bromobenzene	12.53	156	522180	53.919	ug/l	95
78) n-propylbenzene	12.59	91	2007370	45.992	ug/l	99
79) 2-Chlorotoluene	12.67	91	1238863	52.013	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1604662	52.666	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	161845	43.542	ug/l	98
82) 4-Chlorotoluene	12.77	91	1182336	45.714	ug/l	97
83) tert-Butylbenzene	12.99	119	1432584	53.655	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1542985	47.264	ug/l	99
85) sec-Butylbenzene	13.17	105	1765608	51.539	ug/l	100
86) p-Isopropyltoluene	13.29	119	1564602	46.812	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	775560	48.838	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	735278	48.775	ug/l	100
89) n-Butylbenzene	13.62	91	1203362	50.503	ug/l	100
90) Hexachloroethane	13.88	117	310632	54.872	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	737659	49.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	70071	43.354	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
Data File : VN057414.D
Acq On : 19 Aug 2019 21:36
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/21/2019 9:45:28 AM

Quant Time: Aug 20 09:01:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	264594	45.263	ug/l	99
94) Hexachlorobutadiene	15.01	225	323469	57.687	ug/l	99
95) Naphthalene	15.13	128	513360	54.725	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	242500	56.954	ug/l	99

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

