

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055633.D
 Acq On : 18 May 2019 00:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 9:09:26 AM

Quant Time: May 18 04:29:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	338548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	517579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	449866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	184165	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	7.59	113	165905	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.09	98	618552	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	213389	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	117114	44.961	ug/l	98
3) Chloromethane	2.06	50	152844	43.992	ug/l	99
4) Vinyl Chloride	2.18	62	176901	47.021	ug/l	98
5) Bromomethane	2.56	94	116591	48.627	ug/l	97
6) Chloroethane	2.71	64	100815	48.262	ug/l	100
7) Trichlorofluoromethane	3.03	101	231436	48.004	ug/l	99
8) Diethyl Ether	3.41	74	94815	48.956	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	138864	47.246	ug/l	99
10) Methyl Iodide	3.96	142	202985	47.904	ug/l	99
11) Tert butyl alcohol	4.77	59	180268	260.477	ug/l	98
12) 1,1-Dichloroethene	3.74	96	145692	47.122	ug/l	100
13) Acrolein	3.61	56	83819	237.504	ug/l	100
14) Allyl chloride	4.33	41	236590	47.400	ug/l	99
15) Acrylonitrile	4.99	53	391489	254.258	ug/l	100
16) Acetone	3.81	43	319487	210.951	ug/l	99
17) Carbon Disulfide	4.06	76	396031	46.076	ug/l	99
18) Methyl Acetate	4.32	43	163456	50.342	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	496759	48.566	ug/l	98
20) Methylene Chloride	4.56	84	161853	46.828	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	157676	47.873	ug/l	99
22) Diisopropyl ether	5.95	45	475454	48.071	ug/l	97
23) Vinyl Acetate	5.90	43	2060389	245.508	ug/l	99
24) 1,1-Dichloroethane	5.85	63	279043	48.117	ug/l	99
25) 2-Butanone	6.83	43	521954	246.483	ug/l	99
26) 2,2-Dichloropropane	6.83	77	185493	36.039	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	185377	48.334	ug/l	95
28) Bromochloromethane	7.20	49	126529	50.150	ug/l	99
29) Tetrahydrofuran	7.21	42	350680	249.961	ug/l	99
30) Chloroform	7.37	83	283660	47.651	ug/l	99
31) Cyclohexane	7.66	56	251676	45.726	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	250036	46.829	ug/l	99
36) 1,1-Dichloropropene	7.80	75	214523	46.489	ug/l	99
37) Ethyl Acetate	6.93	43	215888	51.846	ug/l	99
38) Carbon Tetrachloride	7.78	117	227708	46.178	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055633.D
 Acq On : 18 May 2019 00:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 9:09:26 AM

Quant Time: May 18 04:29:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	247638	44.517	ug/l	99
40) Benzene	8.04	78	654558	48.226	ug/l	100
41) Methacrylonitrile	7.18	41	91271m	51.268	ug/l	
42) 1,2-Dichloroethane	8.13	62	214514	48.807	ug/l	100
43) Isopropyl Acetate	8.17	43	355138	49.030	ug/l	100
44) Trichloroethene	8.84	130	190658	49.782	ug/l	98
45) 1,2-Dichloropropane	9.12	63	170805	47.769	ug/l	99
46) Dibromomethane	9.21	93	114130	48.769	ug/l	98
47) Bromodichloromethane	9.40	83	234003	47.709	ug/l	98
48) Methyl methacrylate	9.20	41	161465	49.873	ug/l	97
49) 1,4-Dioxane	9.20	88	68790	1069.295	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1053528	247.958	ug/l	100
52) Toluene	10.16	92	410166	48.181	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	251766	47.692	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	273181	47.237	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	168576	48.100	ug/l	99
56) Ethyl methacrylate	10.43	69	260790	47.668	ug/l	99
57) 1,3-Dichloropropane	10.71	76	272906	49.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	566367	243.641	ug/l	100
59) 2-Hexanone	10.75	43	746151	249.433	ug/l	99
60) Dibromochloromethane	10.90	129	199640	50.261	ug/l	99
61) 1,2-Dibromoethane	11.01	107	175294	49.989	ug/l	100
64) Tetrachloroethene	10.63	164	175977	49.595	ug/l	98
65) Chlorobenzene	11.43	112	440104	48.368	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	177352	48.450	ug/l	99
67) Ethyl Benzene	11.51	91	766988	47.318	ug/l	99
68) m/p-Xylenes	11.62	106	580915	94.902	ug/l	99
69) o-Xylene	11.95	106	283142	47.293	ug/l	98
70) Styrene	11.96	104	488986	49.121	ug/l	99
71) Bromoform	12.13	173	158506	51.097	ug/l	99
73) Isopropylbenzene	12.25	105	747312	51.766	ug/l	100
74) N-amyl acetate	12.07	43	286026	49.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	235004	51.997	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	195025m	46.382	ug/l	
77) Bromobenzene	12.53	156	201099	47.520	ug/l	97
78) n-propylbenzene	12.59	91	817154	44.656	ug/l	100
79) 2-Chlorotoluene	12.67	91	487470	49.769	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	617334	49.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	73378	44.860	ug/l	97
82) 4-Chlorotoluene	12.77	91	491787	45.613	ug/l	99
83) tert-Butylbenzene	12.99	119	535195	51.094	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	617161	50.038	ug/l	99
85) sec-Butylbenzene	13.17	105	690001	50.090	ug/l	100
86) p-Isopropyltoluene	13.29	119	634884	49.480	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	332372	47.501	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	326709	48.901	ug/l	99
89) n-Butylbenzene	13.61	91	511734	45.257	ug/l	100
90) Hexachloroethane	13.87	117	127066	51.935	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	324887	46.578	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	45540	48.698	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
Data File : VN055633.D
Acq On : 18 May 2019 00:14
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/20/2019 9:09:26 AM

Quant Time: May 18 04:29:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	190658	53.700	ug/l	99
94) Hexachlorobutadiene	15.01	225	105676	49.272	ug/l	99
95) Naphthalene	15.13	128	543071	50.658	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	191963	51.710	ug/l	99

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

