

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055688.D
 Acq On : 20 May 2019 22:43
 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
 5/21/2019 12:38:34 PM

Quant Time: May 21 05:31:17 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	7.66	168	364838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	513055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	452880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	173896	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	7.59	113	164782	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.09	98	608280	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.40	95	216825	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	114165	40.670	ug/l	99
3) Chloromethane	2.06	50	145664	38.904	ug/l	100
4) Vinyl Chloride	2.18	62	162725	40.136	ug/l	99
5) Bromomethane	2.53	94	109267	42.289	ug/l	97
6) Chloroethane	2.68	64	96701	42.956	ug/l	99
7) Trichlorofluoromethane	3.01	101	222253	42.778	ug/l	99
8) Diethyl Ether	3.41	74	90547	43.383	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	138785	43.816	ug/l	97
10) Methyl Iodide	3.95	142	213042	46.655	ug/l	98
11) Tert butyl alcohol	4.77	59	166440	223.167	ug/l	100
12) 1,1-Dichloroethene	3.74	96	139447	41.852	ug/l	97
13) Acrolein	3.60	56	74682	196.601	ug/l	99
14) Allyl chloride	4.32	41	218060	40.539	ug/l	98
15) Acrylonitrile	4.98	53	366490	220.870	ug/l	99
16) Acetone	3.81	43	291235	178.440	ug/l	97
17) Carbon Disulfide	4.06	76	356785	38.519	ug/l	99
18) Methyl Acetate	4.32	43	150832	43.107	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	470969	42.727	ug/l	97
20) Methylene Chloride	4.55	84	158187	42.469	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	149544	42.132	ug/l	95
22) Diisopropyl ether	5.95	45	443322	41.593	ug/l	97
23) Vinyl Acetate	5.89	43	1887226	208.670	ug/l	98
24) 1,1-Dichloroethane	5.85	63	262247	41.962	ug/l	99
25) 2-Butanone	6.83	43	473994	207.705	ug/l	98
26) 2,2-Dichloropropane	6.82	77	199360	35.942	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	179080	43.328	ug/l	94
28) Bromochloromethane	7.19	49	115642	42.532	ug/l	90
29) Tetrahydrofuran	7.21	42	308844	204.278	ug/l	96
30) Chloroform	7.37	83	276150	43.046	ug/l	98
31) Cyclohexane	7.65	56	235607	39.722	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	244861	42.555	ug/l	98
36) 1,1-Dichloropropene	7.79	75	201917	44.143	ug/l	98
37) Ethyl Acetate	6.92	43	191683	46.439	ug/l	98
38) Carbon Tetrachloride	7.77	117	221399	45.295	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055688.D
 Acq On : 20 May 2019 22:43
 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
 5/21/2019 12:38:34 PM

Quant Time: May 21 05:31:17 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	250586	45.444	ug/l	97
40) Benzene	8.04	78	627054	46.607	ug/l	100
41) Methacrylonitrile	7.18	41	93440m	52.949	ug/l	
42) 1,2-Dichloroethane	8.12	62	198673	45.602	ug/l	99
43) Isopropyl Acetate	8.16	43	341308	47.536	ug/l	99
44) Trichloroethene	8.83	130	187420	49.368	ug/l	96
45) 1,2-Dichloropropane	9.12	63	162492	45.845	ug/l	100
46) Dibromomethane	9.21	93	110644	47.696	ug/l	93
47) Bromodichloromethane	9.40	83	223288	45.926	ug/l	99
48) Methyl methacrylate	9.20	41	147991	46.114	ug/l	96
49) 1,4-Dioxane	9.20	88	70250	1101.618	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	956064	227.003	ug/l	98
52) Toluene	10.16	92	405239	48.022	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	238814	45.638	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	261168	45.558	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	165073	47.516	ug/l	99
56) Ethyl methacrylate	10.43	69	249766	46.056	ug/l	95
57) 1,3-Dichloropropane	10.71	76	260873	47.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	495967	215.238	ug/l	97
59) 2-Hexanone	10.75	43	672820	226.903	ug/l	97
60) Dibromochloromethane	10.90	129	198348	50.376	ug/l	100
61) 1,2-Dibromoethane	11.01	107	171015	49.199	ug/l	99
64) Tetrachloroethene	10.63	164	186068	52.090	ug/l	96
65) Chlorobenzene	11.43	112	443596	48.428	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180045	48.859	ug/l	99
67) Ethyl Benzene	11.51	91	768977	47.125	ug/l	99
68) m/p-Xylenes	11.62	106	600720	97.484	ug/l	96
69) o-Xylene	11.95	106	295215	48.981	ug/l	96
70) Styrene	11.96	104	491601	49.055	ug/l	99
71) Bromoform	12.13	173	161887	51.839	ug/l	99
73) Isopropylbenzene	12.25	105	780373	52.603	ug/l	99
74) N-amyl acetate	12.07	43	265599	44.636	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	228790	49.118	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	200516m	46.373	ug/l	
77) Bromobenzene	12.53	156	213059	48.957	ug/l	90
78) n-propylbenzene	12.59	91	837305	44.495	ug/l	98
79) 2-Chlorotoluene	12.67	91	507789	50.435	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	656157	51.722	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	70227	41.749	ug/l	98
82) 4-Chlorotoluene	12.77	91	495784	44.715	ug/l	98
83) tert-Butylbenzene	12.99	119	581190	54.118	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	650465	51.328	ug/l	98
85) sec-Butylbenzene	13.17	105	740166	52.346	ug/l	99
86) p-Isopropyltoluene	13.29	119	688202	52.254	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	345977	48.081	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	332453	48.388	ug/l	98
89) n-Butylbenzene	13.61	91	526459	45.274	ug/l	99
90) Hexachloroethane	13.87	117	132188	52.564	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	339066	47.270	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41053	42.688	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
Data File : VN055688.D
Acq On : 20 May 2019 22:43
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
5/21/2019 12:38:34 PM

Quant Time: May 21 05:31:17 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	179076	49.046	ug/l	99
94) Hexachlorobutadiene	15.01	225	132601	60.802	ug/l	100
95) Naphthalene	15.13	128	482498	44.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	184013	48.200	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052019\
Data File : VN055688.D
Acq On : 20 May 2019 22:43
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
5/21/2019 12:38:34 PM

Quant Time: May 21 05:31:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

