

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
 Data File : VN056666.D
 Acq On : 11 Jul 2019 15:01
 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
 7/12/2019 5:32:46 PM

Quant Time: Jul 12 09:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	321379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	467632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	421291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	202301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	164949	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	7.59	113	149036	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.09	98	544064	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.40	95	197174	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	108621	39.916	ug/l	98
3) Chloromethane	2.06	50	139208	37.570	ug/l	98
4) Vinyl Chloride	2.18	62	143391	40.067	ug/l	99
5) Bromomethane	2.54	94	79448m	37.868	ug/l	
6) Chloroethane	2.69	64	86032	41.511	ug/l	97
7) Trichlorofluoromethane	3.00	101	204853	44.251	ug/l	98
8) Diethyl Ether	3.41	74	84784	43.275	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	133992	45.387	ug/l	99
10) Methyl Iodide	3.95	142	148815	37.296	ug/l	99
11) Tert butyl alcohol	4.79	59	134731	224.585	ug/l	98
12) 1,1-Dichloroethene	3.73	96	120424	42.418	ug/l	100
13) Acrolein	3.60	56	63767	126.118	ug/l	99
14) Allyl chloride	4.32	41	218231	46.177	ug/l	98
15) Acrylonitrile	4.98	53	409074	246.482	ug/l	99
16) Acetone	3.81	43	389400	218.206	ug/l	99
17) Carbon Disulfide	4.05	76	225779	34.965	ug/l	100
18) Methyl Acetate	4.32	43	176478	50.500	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	437957	46.620	ug/l	99
20) Methylene Chloride	4.55	84	151071	44.814	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	130226	42.546	ug/l	96
22) Diisopropyl ether	5.95	45	486153	48.982	ug/l	95
23) Vinyl Acetate	5.89	43	1961486	250.566	ug/l	100
24) 1,1-Dichloroethane	5.84	63	268121	47.061	ug/l	100
25) 2-Butanone	6.83	43	571289	241.881	ug/l	99
26) 2,2-Dichloropropane	6.82	77	196661	49.630	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	165573	46.236	ug/l	99
28) Bromochloromethane	7.19	49	132716	47.095	ug/l	98
29) Tetrahydrofuran	7.21	42	360256	249.598	ug/l	98
30) Chloroform	7.37	83	270434	48.104	ug/l	99
31) Cyclohexane	7.65	56	221626	40.294	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	214154	48.058	ug/l	100
36) 1,1-Dichloropropene	7.79	75	185164	44.986	ug/l	99
37) Ethyl Acetate	6.93	43	215427	53.258	ug/l	99
38) Carbon Tetrachloride	7.77	117	176986	49.171	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
 Data File : VN056666.D
 Acq On : 11 Jul 2019 15:01
 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
 7/12/2019 5:32:46 PM

Quant Time: Jul 12 09:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	223903	44.086	ug/l	98
40) Benzene	8.04	78	598407	47.265	ug/l	99
41) Methacrylonitrile	7.17	41	89609m	50.168	ug/l	
42) 1,2-Dichloroethane	8.12	62	199440	47.732	ug/l	100
43) Isopropyl Acetate	8.16	43	333042	53.396	ug/l	100
44) Trichloroethene	8.83	130	162032	47.509	ug/l	99
45) 1,2-Dichloropropane	9.12	63	168051	49.632	ug/l	99
46) Dibromomethane	9.21	93	104205	49.191	ug/l	99
47) Bromodichloromethane	9.40	83	202105	53.793	ug/l	99
48) Methyl methacrylate	9.20	41	161729	51.743	ug/l	99
49) 1,4-Dioxane	9.20	88	67770	1044.817	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1107151	275.019	ug/l	100
52) Toluene	10.15	92	374465	48.377	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	213373	48.832	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	243131	53.737	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	160575	51.609	ug/l	98
56) Ethyl methacrylate	10.43	69	244022	53.666	ug/l	100
57) 1,3-Dichloropropane	10.71	76	264687	50.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	615989	377.091	ug/l	100
59) 2-Hexanone	10.75	43	825429	278.976	ug/l	100
60) Dibromochloromethane	10.90	129	164553	51.385	ug/l	99
61) 1,2-Dibromoethane	11.00	107	162547	51.151	ug/l	99
64) Tetrachloroethene	10.63	164	155930	46.738	ug/l	97
65) Chlorobenzene	11.43	112	415026	49.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	156099	54.560	ug/l	100
67) Ethyl Benzene	11.51	91	729932	49.108	ug/l	100
68) m/p-Xylenes	11.62	106	549760	100.924	ug/l	100
69) o-Xylene	11.95	106	267536	49.643	ug/l	99
70) Styrene	11.96	104	463859	53.849	ug/l	100
71) Bromoform	12.12	173	121524	52.484	ug/l #	99
73) Isopropylbenzene	12.25	105	718060	47.101	ug/l	100
74) N-amyl acetate	12.07	43	281704	43.754	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	238811	50.817	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	207194m	49.394	ug/l	
77) Bromobenzene	12.52	156	192126	42.473	ug/l	98
78) n-propylbenzene	12.59	91	820908	44.311	ug/l	100
79) 2-Chlorotoluene	12.67	91	486567	47.786	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	618293	48.496	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66620	56.446	ug/l	93
82) 4-Chlorotoluene	12.77	91	491982	44.977	ug/l	100
83) tert-Butylbenzene	12.99	119	530767	47.717	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	621715	45.651	ug/l	100
85) sec-Butylbenzene	13.17	105	707984	43.479	ug/l	100
86) p-Isopropyltoluene	13.29	119	648942	46.438	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	326746	47.665	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	317894	47.883	ug/l	100
89) n-Butylbenzene	13.61	91	555075	52.470	ug/l	100
90) Hexachloroethane	13.87	117	100351	46.061	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	330507	48.595	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41196	55.035	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
Data File : VN056666.D
Acq On : 11 Jul 2019 15:01
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
7/12/2019 5:32:46 PM

Quant Time: Jul 12 09:42:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	180114	50.757	ug/l	99
94) Hexachlorobutadiene	15.01	225	118417	51.431	ug/l	99
95) Naphthalene	15.13	128	464541	50.166	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	181619	49.534	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
Data File : VN056666.D
Acq On : 11 Jul 2019 15:01
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
7/12/2019 5:32:46 PM

Quant Time: Jul 12 09:42:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

