

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053506.D
 Acq On : 21 Jan 2019 15:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/22/2019 9:47:46 AM

Quant Time: Jan 22 05:27:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	763143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1116365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1000926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	508189	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	362578	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.59	113	331346	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.09	98	1351739	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	471381	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	284820	46.420	ug/l	100
3) Chloromethane	2.06	50	371563	42.355	ug/l	100
4) Vinyl Chloride	2.19	62	382528	45.236	ug/l	100
5) Bromomethane	2.56	94	263195	45.361	ug/l	99
6) Chloroethane	2.70	64	236954	46.347	ug/l	98
7) Trichlorofluoromethane	3.02	101	539303	48.758	ug/l	100
8) Diethyl Ether	3.41	74	196097	47.204	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	351872	50.232	ug/l	99
10) Methyl Iodide	3.95	142	498072	46.528	ug/l	99
11) Tert butyl alcohol	4.77	59	74431	201.661	ug/l	100
12) 1,1-Dichloroethene	3.74	96	324566	47.770	ug/l	98
13) Acrolein	3.60	56	153275	216.200	ug/l	98
14) Allyl chloride	4.32	41	543929	49.286	ug/l	100
15) Acrylonitrile	4.98	53	545047	224.389	ug/l	100
16) Acetone	3.81	43	420255	237.471	ug/l	99
17) Carbon Disulfide	4.06	76	912552	44.414	ug/l	99
18) Methyl Acetate	4.32	43	271951	45.611	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	857932	47.523	ug/l	99
20) Methylene Chloride	4.55	84	371171	45.939	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	350140	48.203	ug/l	98
22) Diisopropyl ether	5.95	45	1141514	49.546	ug/l	100
23) Vinyl Acetate	5.89	43	3414584	241.100	ug/l	100
24) 1,1-Dichloroethane	5.85	63	666741	48.953	ug/l	100
25) 2-Butanone	6.83	43	610454	223.844	ug/l	99
26) 2,2-Dichloropropane	6.82	77	509120	49.509	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	408074	49.127	ug/l	100
28) Bromochloromethane	7.19	49	288827	48.137	ug/l	99
29) Tetrahydrofuran	7.21	42	385075	216.898	ug/l	100
30) Chloroform	7.37	83	653785	49.268	ug/l	99
31) Cyclohexane	7.65	56	621521	46.877	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	549901	48.850	ug/l	99
36) 1,1-Dichloropropene	7.79	75	507759	49.942	ug/l	99
37) Ethyl Acetate	6.92	43	253660	43.366	ug/l	98
38) Carbon Tetrachloride	7.77	117	486528	50.547	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053506.D
 Acq On : 21 Jan 2019 15:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/22/2019 9:47:46 AM

Quant Time: Jan 22 05:27:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	646895	51.479	ug/l	99
40) Benzene	8.04	78	1528078	49.460	ug/l	98
41) Methacrylonitrile	7.17	41	174421	50.181	ug/l	94
42) 1,2-Dichloroethane	8.12	62	445894	49.540	ug/l	100
43) Isopropyl Acetate	8.16	43	484079	46.025	ug/l	98
44) Trichloroethene	8.83	130	435521	50.833	ug/l	99
45) 1,2-Dichloropropane	9.12	63	406596	49.687	ug/l	99
46) Dibromomethane	9.21	93	224059	47.656	ug/l	99
47) Bromodichloromethane	9.40	83	492956	49.857	ug/l	99
48) Methyl methacrylate	9.20	41	245071	45.128	ug/l	98
49) 1,4-Dioxane	9.20	88	46571	878.100	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1286472	224.063	ug/l	100
52) Toluene	10.15	92	944786	49.258	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	502917	50.182	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	603790	51.395	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	321065	48.553	ug/l	99
56) Ethyl methacrylate	10.43	69	399149	42.840	ug/l	99
57) 1,3-Dichloropropane	10.71	76	556533	48.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1105139	238.888	ug/l	99
59) 2-Hexanone	10.75	43	894719	221.986	ug/l	99
60) Dibromochloromethane	10.90	129	367628	49.016	ug/l	99
61) 1,2-Dibromoethane	11.00	107	316074	47.261	ug/l	99
64) Tetrachloroethene	10.63	164	493681	52.338	ug/l	99
65) Chlorobenzene	11.43	112	1071196	50.561	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	379925	51.547	ug/l	99
67) Ethyl Benzene	11.51	91	1833129	50.770	ug/l	100
68) m/p-Xylenes	11.62	106	1421366	104.265	ug/l	99
69) o-Xylene	11.95	106	683324	51.586	ug/l	98
70) Styrene	11.96	104	1128527	52.493	ug/l	100
71) Bromoform	12.13	173	244539	48.194	ug/l #	98
73) Isopropylbenzene	12.25	105	1824678	49.031	ug/l	100
74) N-amyl acetate	12.07	43	432243	43.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	318455	40.801	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	286865m	42.835	ug/l	
77) Bromobenzene	12.53	156	469062	47.833	ug/l	97
78) n-propylbenzene	12.59	91	2126572	49.781	ug/l	100
79) 2-Chlorotoluene	12.67	91	1228264	48.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1523231	50.307	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	107722	41.179	ug/l	99
82) 4-Chlorotoluene	12.77	91	1263722	48.940	ug/l	100
83) tert-Butylbenzene	12.99	119	1348057	50.407	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1546187	50.644	ug/l	99
85) sec-Butylbenzene	13.17	105	1835449	50.044	ug/l	99
86) p-Isopropyltoluene	13.29	119	1645776	51.679	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	856000	49.625	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	843400	48.743	ug/l	99
89) n-Butylbenzene	13.61	91	1419384	52.288	ug/l	100
90) Hexachloroethane	13.87	117	255293	51.114	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	802784	50.586	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46754	47.243	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
Data File : VN053506.D
Acq On : 21 Jan 2019 15:13
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/22/2019 9:47:46 AM

Quant Time: Jan 22 05:27:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	359827	51.312	ug/l	100
94) Hexachlorobutadiene	15.01	225	292413	59.068	ug/l	99
95) Naphthalene	15.13	128	528149	43.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	238486	46.816	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
Data File : VN053506.D
Acq On : 21 Jan 2019 15:13
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/22/2019 9:47:46 AM

Quant Time: Jan 22 05:27:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

