

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053573.D
 Acq On : 1 Feb 2019 13:27
 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
 2/4/2019 9:49:17 AM

Quant Time: Feb 01 22:59:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	762744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1125089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	990551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	486012	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	368471	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	7.59	113	354463	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.09	98	1325621	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	445235	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	422504	49.140	ug/l	99
3) Chloromethane	2.06	50	411308	45.422	ug/l	100
4) Vinyl Chloride	2.19	62	420035	47.784	ug/l	100
5) Bromomethane	2.57	94	264084	45.947	ug/l	99
6) Chloroethane	2.70	64	234669	46.716	ug/l	98
7) Trichlorofluoromethane	3.02	101	573632	48.122	ug/l	99
8) Diethyl Ether	3.41	74	203017	46.634	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	366141	49.665	ug/l	99
10) Methyl Iodide	3.95	142	528633	45.685	ug/l	100
11) Tert butyl alcohol	4.79	59	110928	244.954	ug/l	99
12) 1,1-Dichloroethene	3.74	96	333824	47.262	ug/l	99
13) Acrolein	3.61	56	36706	148.873	ug/l	98
14) Allyl chloride	4.32	41	530777	47.196	ug/l	99
15) Acrylonitrile	4.99	53	590443	241.517	ug/l	99
16) Acetone	3.82	43	502454	256.001	ug/l	98
17) Carbon Disulfide	4.05	76	1019310	46.346	ug/l	100
18) Methyl Acetate	4.32	43	264707	45.540	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	864724	48.294	ug/l	99
20) Methylene Chloride	4.55	84	370478	44.992	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	360957	47.368	ug/l	98
22) Diisopropyl ether	5.95	45	1030975	49.475	ug/l	97
23) Vinyl Acetate	5.89	43	3585756	248.743	ug/l	99
24) 1,1-Dichloroethane	5.85	63	645780	46.463	ug/l	100
25) 2-Butanone	6.84	43	697883	249.311	ug/l	100
26) 2,2-Dichloropropane	6.82	77	496674	46.812	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	401051	47.331	ug/l	98
28) Bromochloromethane	7.19	49	293721	48.698	ug/l	97
29) Tetrahydrofuran	7.21	42	441319	245.521	ug/l	99
30) Chloroform	7.37	83	643118	46.678	ug/l	100
31) Cyclohexane	7.65	56	613131	47.372	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	539554	47.057	ug/l	100
36) 1,1-Dichloropropene	7.79	75	503307	49.626	ug/l	99
37) Ethyl Acetate	6.93	43	287953	50.836	ug/l	100
38) Carbon Tetrachloride	7.77	117	488571	47.820	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053573.D
 Acq On : 1 Feb 2019 13:27
 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
 2/4/2019 9:49:17 AM

Quant Time: Feb 01 22:59:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	627637	52.162	ug/l	100
40) Benzene	8.04	78	1510826	48.307	ug/l	99
41) Methacrylonitrile	7.17	41	165892	52.402	ug/l	95
42) 1,2-Dichloroethane	8.12	62	446384	48.069	ug/l	100
43) Isopropyl Acetate	8.16	43	507653	46.407	ug/l #	88
44) Trichloroethene	8.83	130	430821	48.386	ug/l	98
45) 1,2-Dichloropropane	9.12	63	389560	48.699	ug/l	99
46) Dibromomethane	9.21	93	227408	47.159	ug/l	97
47) Bromodichloromethane	9.40	83	491703	49.042	ug/l	100
48) Methyl methacrylate	9.20	41	247450	47.389	ug/l	94
49) 1,4-Dioxane	9.20	88	71531	947.537	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1359809	252.966	ug/l	100
52) Toluene	10.16	92	922099	49.678	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	490405	48.846	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	582119	48.930	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	327925	49.028	ug/l	99
56) Ethyl methacrylate	10.43	69	398464	50.359	ug/l	99
57) 1,3-Dichloropropane	10.71	76	555141	48.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1030972	211.374	ug/l	99
59) 2-Hexanone	10.75	43	918687	251.747	ug/l	99
60) Dibromochloromethane	10.90	129	373508	49.520	ug/l	99
61) 1,2-Dibromoethane	11.00	107	315601	47.673	ug/l	100
64) Tetrachloroethene	10.63	164	412123	48.535	ug/l	99
65) Chlorobenzene	11.43	112	1011507	48.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	357802	48.693	ug/l	99
67) Ethyl Benzene	11.51	91	1694833	49.036	ug/l	100
68) m/p-Xylenes	11.62	106	1318290	99.936	ug/l	100
69) o-Xylene	11.95	106	630233	49.453	ug/l	100
70) Styrene	11.96	104	1042564	50.473	ug/l	100
71) Bromoform	12.13	173	252679	50.158	ug/l #	99
73) Isopropylbenzene	12.25	105	1644906	48.145	ug/l	100
74) N-amyl acetate	12.07	43	382781	46.591	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	373314	45.655	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	307291m	49.225	ug/l	
77) Bromobenzene	12.53	156	440238	47.810	ug/l	97
78) n-propylbenzene	12.59	91	1965583	49.766	ug/l	100
79) 2-Chlorotoluene	12.67	91	1137635	48.550	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1426968	50.366	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	104615	47.123	ug/l	98
82) 4-Chlorotoluene	12.77	91	1170121	48.664	ug/l	100
83) tert-Butylbenzene	12.99	119	1223937	48.879	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1454043	50.374	ug/l	100
85) sec-Butylbenzene	13.17	105	1696313	49.782	ug/l	100
86) p-Isopropyltoluene	13.29	119	1516760	50.895	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	793823	47.957	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	776370	47.415	ug/l	100
89) n-Butylbenzene	13.62	91	1326329	51.418	ug/l	100
90) Hexachloroethane	13.87	117	236375	48.086	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	746652	47.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	55366	47.511	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
Data File : VN053573.D
Acq On : 1 Feb 2019 13:27
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
2/4/2019 9:49:17 AM

Quant Time: Feb 01 22:59:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	475593	52.329	ug/l	100
94) Hexachlorobutadiene	15.01	225	285528	50.447	ug/l	99
95) Naphthalene	15.13	128	981957	46.133	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	443479	52.588	ug/l	99

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

