

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\
 Data File : VX007969.D
 Acq On : 11 Mar 2019 14:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 2:20:37 PM

Quant Time: Mar 12 08:49:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170856	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	129123	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	5.50	113	116613	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	8.71	98	438303	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	158769	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	107986	47.143	ug/l	99
3) Chloromethane	1.33	50	129261	43.789	ug/l	99
4) Vinyl Chloride	1.41	62	136121	46.409	ug/l	100
5) Bromomethane	1.64	94	64818	47.024	ug/l	99
6) Chloroethane	1.72	64	85224	43.738	ug/l	97
7) Trichlorofluoromethane	1.93	101	182320	47.743	ug/l	97
8) Diethyl Ether	2.19	74	77685	46.978	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	116167	49.088	ug/l	99
10) Methyl Iodide	2.51	142	157377	46.877	ug/l	99
11) Tert butyl alcohol	3.07	59	139905	221.191	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108553	47.587	ug/l	99
13) Acrolein	2.30	56	92819	259.256	ug/l	99
14) Allyl chloride	2.73	41	218818	45.650	ug/l	99
15) Acrylonitrile	3.15	53	354891	222.291	ug/l	100
16) Acetone	2.45	43	361301	220.702	ug/l	98
17) Carbon Disulfide	2.57	76	325821	47.008	ug/l	100
18) Methyl Acetate	2.78	43	165830	47.682	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	377635	48.121	ug/l	100
20) Methylene Chloride	2.86	84	120321	46.182	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	115984	46.209	ug/l	99
22) Diisopropyl ether	3.87	45	397788	45.272	ug/l	98
23) Vinyl Acetate	3.82	43	1729080	224.401	ug/l	98
24) 1,1-Dichloroethane	3.70	63	218954	46.305	ug/l	99
25) 2-Butanone	4.70	43	508602	219.448	ug/l	98
26) 2,2-Dichloropropane	4.59	77	158890	50.719	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	133251	46.394	ug/l	98
28) Bromochloromethane	5.02	49	97786	44.358	ug/l	97
29) Tetrahydrofuran	5.15	42	317365	219.528	ug/l	99
30) Chloroform	5.21	83	209035	46.733	ug/l	98
31) Cyclohexane	5.57	56	208332	47.938	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	180072	48.521	ug/l	97
36) 1,1-Dichloropropene	5.80	75	162896	48.508	ug/l	99
37) Ethyl Acetate	4.85	43	181400	45.520	ug/l	99
38) Carbon Tetrachloride	5.78	117	159796	50.123	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\
 Data File : VX007969.D
 Acq On : 11 Mar 2019 14:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 2:20:37 PM

Quant Time: Mar 12 08:49:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	214773	52.781	ug/l	99
40) Benzene	6.14	78	488675	48.881	ug/l	100
41) Methacrylonitrile	5.06	41	103398	47.591	ug/l	100
42) 1,2-Dichloroethane	6.20	62	156623	47.905	ug/l	99
43) Isopropyl Acetate	6.46	43	284190	48.186	ug/l	99
44) Trichloroethene	7.21	130	137615	49.950	ug/l	98
45) 1,2-Dichloropropane	7.51	63	129686	49.115	ug/l	99
46) Dibromomethane	7.66	93	81631	48.851	ug/l	98
47) Bromodichloromethane	7.90	83	156384	49.361	ug/l	98
48) Methyl methacrylate	7.77	41	148406	47.861	ug/l	98
49) 1,4-Dioxane	7.75	88	58247	914.439	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	900665	237.464	ug/l	99
52) Toluene	8.79	92	308868	50.604	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	176580	53.400	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	194965	52.211	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	124670	50.458	ug/l	99
56) Ethyl methacrylate	9.18	69	189539	51.092	ug/l	98
57) 1,3-Dichloropropane	9.37	76	206275	49.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	511508	266.552	ug/l	99
59) 2-Hexanone	9.49	43	687669	233.529	ug/l	99
60) Dibromochloromethane	9.58	129	133093	51.535	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131185	50.008	ug/l	100
64) Tetrachloroethene	9.34	164	138214	50.607	ug/l	98
65) Chlorobenzene	10.14	112	339809	49.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	124619	50.418	ug/l	99
67) Ethyl Benzene	10.25	91	577752	50.892	ug/l	100
68) m/p-Xylenes	10.36	106	447600	102.290	ug/l	100
69) o-Xylene	10.70	106	214827	50.852	ug/l	99
70) Styrene	10.71	104	358139	51.806	ug/l	100
71) Bromoform	10.86	173	104690	49.321	ug/l #	100
73) Isopropylbenzene	11.02	105	584212	50.558	ug/l	100
74) N-amyl acetate	10.90	43	244290	46.308	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	179597	45.059	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	174878m	48.777	ug/l	
77) Bromobenzene	11.26	156	153435	48.432	ug/l	98
78) n-propylbenzene	11.36	91	659304	51.431	ug/l	100
79) 2-Chlorotoluene	11.42	91	385344	49.164	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	484531	50.946	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55419	49.410	ug/l	99
82) 4-Chlorotoluene	11.51	91	446577	49.718	ug/l	100
83) tert-Butylbenzene	11.77	119	479475	50.050	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	496136	50.888	ug/l	100
85) sec-Butylbenzene	11.94	105	587779	52.095	ug/l	100
86) p-Isopropyltoluene	12.06	119	534033	52.850	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	276263	49.291	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	278344	48.494	ug/l	100
89) n-Butylbenzene	12.39	91	455711	53.233	ug/l	99
90) Hexachloroethane	12.60	117	85892	50.840	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	271289	48.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38076	45.709	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007969.D
Acq On : 11 Mar 2019 14:33
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:20:37 PM

Quant Time: Mar 12 08:49:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	202751	51.836	ug/l	100
94) Hexachlorobutadiene	13.78	225	110066	53.823	ug/l	99
95) Naphthalene	13.83	128	575423	51.057	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	199012	51.075	ug/l	99

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

