

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003914.D
 Acq On : 08 Aug 2018 07:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:06:36 PM

Quant Time: Aug 08 08:40:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	349385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	484248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	291374	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	233042	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	5.50	113	194980	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.72	98	763081	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.14	95	282337	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	173489	49.00	ug/l	100
3) Chloromethane	1.32	50	214478	44.52	ug/l	99
4) Vinyl Chloride	1.40	62	226177	47.08	ug/l	99
5) Bromomethane	1.64	94	129922	51.87	ug/l	98
6) Chloroethane	1.72	64	171361	55.75	ug/l	99
7) Trichlorofluoromethane	1.93	101	306902	48.39	ug/l	100
8) Diethyl Ether	2.19	74	139300	48.86	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	186110	46.94	ug/l	100
10) Methyl Iodide	2.51	142	243171	49.30	ug/l	100
11) Tert butyl alcohol	3.08	59	267213	240.10	ug/l	100
12) 1,1-Dichloroethene	2.37	96	182102	48.56	ug/l	93
13) Acrolein	2.29	56	106407	184.23	ug/l	100
14) Allyl chloride	2.73	41	325323	45.00	ug/l	100
15) Acrylonitrile	3.15	53	626313	235.85	ug/l	100
16) Acetone	2.45	43	637577	231.40	ug/l	100
17) Carbon Disulfide	2.57	76	496726	46.77	ug/l	99
18) Methyl Acetate	2.78	43	290744	48.46	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	668024	50.27	ug/l	98
20) Methylene Chloride	2.86	84	213799	49.21	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	199864	46.95	ug/l	99
22) Diisopropyl ether	3.87	45	653400	49.17	ug/l	99
23) Vinyl Acetate	3.82	43	2687335	243.06	ug/l	99
24) 1,1-Dichloroethane	3.70	63	364758	46.21	ug/l	99
25) 2-Butanone	4.71	43	991061	239.23	ug/l	99
26) 2,2-Dichloropropane	4.59	77	125523	22.05	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	225830	48.89	ug/l	93
28) Bromochloromethane	5.02	49	167905	49.71	ug/l	98
29) Tetrahydrofuran	5.16	42	507341	238.27	ug/l	100
30) Chloroform	5.21	83	367550	49.46	ug/l	99
31) Cyclohexane	5.57	56	323057	48.40	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	312979	50.23	ug/l	100
36) 1,1-Dichloropropene	5.80	75	279904	48.15	ug/l	99
37) Ethyl Acetate	4.86	43	304951	47.69	ug/l	100
38) Carbon Tetrachloride	5.78	117	272282	49.21	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003914.D
 Acq On : 08 Aug 2018 07:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:06:36 PM

Quant Time: Aug 08 08:40:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	321761	46.95	ug/l	99
40) Benzene	6.14	78	857543	49.13	ug/l	99
41) Methacrylonitrile	5.06	41	168029	47.71	ug/l	99
42) 1,2-Dichloroethane	6.20	62	288983	48.96	ug/l	100
43) Isopropyl Acetate	6.46	43	472557	49.11	ug/l	99
44) Trichloroethene	7.21	130	229895	48.16	ug/l	93
45) 1,2-Dichloropropane	7.52	63	213467	47.36	ug/l	99
46) Dibromomethane	7.67	93	141273	48.28	ug/l	100
47) Bromodichloromethane	7.90	83	273214	49.56	ug/l	99
48) Methyl methacrylate	7.78	41	245979	50.29	ug/l	99
49) 1,4-Dioxane	7.76	88	115955	1006.30	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1965114	246.38	ug/l	99
52) Toluene	8.79	92	547590	49.65	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	278418	44.68	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	305279	45.44	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	218717	48.53	ug/l	99
56) Ethyl methacrylate	9.18	69	337915	51.68	ug/l	100
57) 1,3-Dichloropropane	9.37	76	372764	49.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	821017	255.33	ug/l	99
59) 2-Hexanone	9.50	43	1507320	252.82	ug/l	99
60) Dibromochloromethane	9.59	129	219885	52.33	ug/l	99
61) 1,2-Dibromoethane	9.68	107	230595	51.10	ug/l	99
64) Tetrachloroethene	9.34	164	234240	49.17	ug/l	97
65) Chlorobenzene	10.14	112	600792	47.68	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	216956	50.09	ug/l	99
67) Ethyl Benzene	10.26	91	1029564	49.92	ug/l	99
68) m/p-Xylenes	10.36	106	818980	101.62	ug/l	96
69) o-Xylene	10.70	106	394858	51.90	ug/l	97
70) Styrene	10.71	104	664608	53.35	ug/l	98
71) Bromoform	10.86	173	173242	47.33	ug/l	99
73) Isopropylbenzene	11.02	105	1041691	48.33	ug/l	96
74) N-amyl acetate	6.46	43	472557	42.16	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	341439	46.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	294253m	45.72	ug/l	
77) Bromobenzene	11.26	156	277450	48.25	ug/l	99
78) n-propylbenzene	11.36	91	1179566	48.73	ug/l	99
79) 2-Chlorotoluene	11.42	91	699701	47.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	861528	49.02	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	79996	34.53	ug/l	97
82) 4-Chlorotoluene	11.51	91	814487	47.11	ug/l	99
83) tert-Butylbenzene	11.77	119	842607	48.73	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	890857	50.41	ug/l	99
85) sec-Butylbenzene	11.94	105	1016459	49.81	ug/l	99
86) p-Isopropyltoluene	12.07	119	891880	48.71	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	509257	47.91	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	514227	50.46	ug/l	99
89) n-Butylbenzene	12.39	91	697187	43.69	ug/l	99
90) Hexachloroethane	12.60	117	134476	45.23	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	444813	42.22	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63361	41.87	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003914.D
Acq On : 08 Aug 2018 07:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:06:36 PM

Quant Time: Aug 08 08:40:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	341597	45.08	ug/l	99
94) Hexachlorobutadiene	13.79	225	156920	46.96	ug/l	99
95) Naphthalene	13.83	128	1146997	52.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	378219	50.02	ug/l	98

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

