

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004401.D
 Acq On : 07 Sep 2018 11:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:15:25 AM

Quant Time: Sep 08 03:30:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	369008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	521993	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	486206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	305607	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	214024	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
35) Dibromofluoromethane	5.50	113	189179	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.71	98	708025	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.13	95	276514	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	159817	37.39	ug/l	97
3) Chloromethane	1.32	50	183548	38.92	ug/l	100
4) Vinyl Chloride	1.40	62	207018	42.82	ug/l	99
5) Bromomethane	1.64	94	100797	41.97	ug/l	99
6) Chloroethane	1.71	64	147867	42.69	ug/l	99
7) Trichlorofluoromethane	1.92	101	295150	44.55	ug/l	95
8) Diethyl Ether	2.18	74	133979	47.22	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	191937	46.25	ug/l	99
10) Methyl Iodide	2.51	142	213524	45.97	ug/l	98
11) Tert butyl alcohol	3.06	59	227214	221.62	ug/l	100
12) 1,1-Dichloroethene	2.37	96	173341	44.34	ug/l	99
13) Acrolein	2.29	56	74068	299.67	ug/l	99
14) Allyl chloride	2.72	41	338924	47.19	ug/l	98
15) Acrylonitrile	3.15	53	584745	230.31	ug/l	99
16) Acetone	2.44	43	480285	244.45	ug/l	99
17) Carbon Disulfide	2.57	76	433812	40.12	ug/l	100
18) Methyl Acetate	2.78	43	419142	58.73	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	626358	48.62	ug/l	97
20) Methylene Chloride	2.85	84	203743	44.01	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	188709	43.61	ug/l	97
22) Diisopropyl ether	3.87	45	636260	47.45	ug/l	99
23) Vinyl Acetate	3.82	43	2463965	226.70	ug/l	100
24) 1,1-Dichloroethane	3.69	63	368122	47.10	ug/l	99
25) 2-Butanone	4.70	43	762662	236.50	ug/l	99
26) 2,2-Dichloropropane	4.57	77	300349	49.00	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	227514	46.36	ug/l	100
28) Bromochloromethane	5.01	49	167438	48.39	ug/l	100
29) Tetrahydrofuran	5.15	42	479805	232.19	ug/l	100
30) Chloroform	5.21	83	363156	46.35	ug/l	97
31) Cyclohexane	5.57	56	308551	45.76	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	307045	46.99	ug/l	99
36) 1,1-Dichloropropene	5.79	75	273221	46.56	ug/l	99
37) Ethyl Acetate	4.85	43	266441	46.17	ug/l	99
38) Carbon Tetrachloride	5.78	117	263830	47.79	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090718\
 Data File : VX004401.D
 Acq On : 07 Sep 2018 11:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:15:25 AM

Quant Time: Sep 08 03:30:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	332587	49.64	ug/l	98
40) Benzene	6.14	78	834770	47.61	ug/l	100
41) Methacrylonitrile	5.06	41	165203	49.38	ug/l	99
42) 1,2-Dichloroethane	6.20	62	275218	46.01	ug/l	99
43) Isopropyl Acetate	6.46	43	444149	50.08	ug/l	99
44) Trichloroethene	7.21	130	231502	47.69	ug/l	100
45) 1,2-Dichloropropane	7.51	63	219052	49.91	ug/l	100
46) Dibromomethane	7.66	93	135770	46.46	ug/l	97
47) Bromodichloromethane	7.90	83	272329	50.08	ug/l	99
48) Methyl methacrylate	7.77	41	235803	49.69	ug/l	98
49) 1,4-Dioxane	7.75	88	101771	944.60	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1495631	232.11	ug/l	99
52) Toluene	8.79	92	535830	48.82	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	315521	52.54	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	342752	52.40	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	217609	49.11	ug/l	99
56) Ethyl methacrylate	9.18	69	325115	53.90	ug/l	97
57) 1,3-Dichloropropane	9.37	76	369214	49.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	674781	218.33	ug/l	100
59) 2-Hexanone	9.49	43	1147484	233.42	ug/l	99
60) Dibromochloromethane	9.59	129	222612	51.57	ug/l	99
61) 1,2-Dibromoethane	9.67	107	224018	48.85	ug/l	98
64) Tetrachloroethene	9.34	164	240227	50.02	ug/l	98
65) Chlorobenzene	10.14	112	582484	47.73	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.22	131	210312	49.97	ug/l	98
67) Ethyl Benzene	10.25	91	980666	49.49	ug/l	93
68) m/p-Xylenes	10.36	106	805660	103.97	ug/l	100
69) o-Xylene	10.70	106	370795	50.59	ug/l	97
70) Styrene	10.71	104	624558	52.62	ug/l	98
71) Bromoform	10.86	173	170242	50.18	ug/l #	99
73) Isopropylbenzene	11.02	105	1054442	52.53	ug/l	100
74) N-amyl acetate	10.90	43	386080	49.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	324848	46.25	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	308087m	49.57	ug/l	
77) Bromobenzene	11.26	156	276935	49.19	ug/l	98
78) n-propylbenzene	11.36	91	1217281	52.73	ug/l	100
79) 2-Chlorotoluene	11.42	91	712051	50.11	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	880696	52.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	101724	53.10	ug/l	95
82) 4-Chlorotoluene	11.51	91	834906	49.93	ug/l	99
83) tert-Butylbenzene	11.77	119	887769	53.08	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	908898	53.27	ug/l	99
85) sec-Butylbenzene	11.94	105	1100996	55.45	ug/l	100
86) p-Isopropyltoluene	12.07	119	989257	55.59	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	522546	49.29	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	525469	47.01	ug/l	99
89) n-Butylbenzene	12.39	91	865039	59.78	ug/l	98
90) Hexachloroethane	12.60	117	140045	56.31	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	521885	53.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61723	49.89	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
Data File : VX004401.D
Acq On : 07 Sep 2018 11:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/10/2018 11:15:25 AM

Quant Time: Sep 08 03:30:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	380025	53.91	ug/l	99
94) Hexachlorobutadiene	13.79	225	193465	59.02	ug/l	97
95) Naphthalene	13.83	128	1125017	56.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	397180	53.22	ug/l	99

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

