

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002458.D
 Acq On : 12 Jun 2018 10:12
 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
 6/13/2018 1:59:34 PM

Quant Time: Jun 13 01:31:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	139076	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
35) Dibromofluoromethane	5.51	113	110653	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	
50) Toluene-d8	8.72	98	427156	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
62) 4-Bromofluorobenzene	11.14	95	166994	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	120258	49.475	ug/l	99
3) Chloromethane	1.32	50	132724	47.512	ug/l	99
4) Vinyl Chloride	1.41	62	155957	50.909	ug/l	100
5) Bromomethane	1.64	94	87593	50.564	ug/l	100
6) Chloroethane	1.72	64	108899	54.954	ug/l	100
7) Trichlorofluoromethane	1.93	101	267160	57.238	ug/l	99
8) Diethyl Ether	2.19	74	95162	57.743	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	156739	62.228	ug/l	99
10) Methyl Iodide	2.51	142	154291	43.550	ug/l	99
11) Tert butyl alcohol	3.06	59	164592	239.338	ug/l	100
12) 1,1-Dichloroethene	2.37	96	131394	52.785	ug/l	98
13) Acrolein	2.29	56	75863	227.629	ug/l	99
14) Allyl chloride	2.73	41	265872	49.217	ug/l	98
15) Acrylonitrile	3.15	53	381716	268.967	ug/l	99
16) Acetone	2.45	43	480084	340.806	ug/l	100
17) Carbon Disulfide	2.57	76	307533	46.875	ug/l	98
18) Methyl Acetate	2.78	43	184614	55.404	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	491933	57.090	ug/l	99
20) Methylene Chloride	2.86	84	148842	56.666	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	141238	51.452	ug/l	97
22) Diisopropyl ether	3.87	45	537306	59.829	ug/l	97
23) Vinyl Acetate	3.82	43	2303109	262.995	ug/l	100
24) 1,1-Dichloroethane	3.70	63	280656	52.566	ug/l	99
25) 2-Butanone	4.70	43	540325	235.677	ug/l	100
26) 2,2-Dichloropropane	4.59	77	204456	48.989	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	142090	47.597	ug/l	95
28) Bromochloromethane	5.02	49	112987	49.739	ug/l	100
29) Tetrahydrofuran	5.16	42	314172	212.543	ug/l	100
30) Chloroform	5.21	83	255198	49.534	ug/l	97
31) Cyclohexane	5.58	56	219267	51.935	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	223351	51.118	ug/l	99
36) 1,1-Dichloropropene	5.81	75	186790	54.210	ug/l	100
37) Ethyl Acetate	4.86	43	193836	46.777	ug/l	100
38) Carbon Tetrachloride	5.79	117	201679	55.949	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002458.D
 Acq On : 12 Jun 2018 10:12
 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
 6/13/2018 1:59:34 PM

Quant Time: Jun 13 01:31:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232834	54.670	ug/l	98
40) Benzene	6.15	78	544939	51.579	ug/l	100
41) Methacrylonitrile	5.06	41	113626	47.900	ug/l	99
42) 1,2-Dichloroethane	6.20	62	216455	51.567	ug/l	99
43) Isopropyl Acetate	6.46	43	342135	48.610	ug/l	99
44) Trichloroethene	7.21	130	156515	53.378	ug/l	98
45) 1,2-Dichloropropane	7.52	63	146594	51.397	ug/l	98
46) Dibromomethane	7.66	93	98527	50.957	ug/l	98
47) Bromodichloromethane	7.90	83	190067	54.352	ug/l	100
48) Methyl methacrylate	7.78	41	173955	49.203	ug/l	98
49) 1,4-Dioxane	7.76	88	59772	904.211	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1085467	247.649	ug/l	100
52) Toluene	8.79	92	366439	54.533	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	225337	53.734	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	213471	53.955	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147445	53.351	ug/l	99
56) Ethyl methacrylate	9.18	69	225733	51.160	ug/l	98
57) 1,3-Dichloropropane	9.37	76	241644	52.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	531057	260.043	ug/l	100
59) 2-Hexanone	9.50	43	867875	256.349	ug/l	99
60) Dibromochloromethane	9.59	129	158616	57.059	ug/l	99
61) 1,2-Dibromoethane	9.68	107	152449	52.904	ug/l	99
64) Tetrachloroethene	9.34	164	177606	53.402	ug/l	97
65) Chlorobenzene	10.14	112	425713	53.053	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	155962	53.678	ug/l	100
67) Ethyl Benzene	10.26	91	737875	54.948	ug/l	99
68) m/p-Xylenes	10.36	106	576033	110.349	ug/l	99
69) o-Xylene	10.70	106	280648	54.025	ug/l	99
70) Styrene	10.71	104	474478	55.872	ug/l	99
71) Bromoform	10.86	173	123814	47.749	ug/l	99
73) Isopropylbenzene	11.02	105	782060	50.870	ug/l	100
74) N-amyl acetate	6.46	43	342112	41.299	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	220671	45.638	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	219032m	45.168	ug/l	
77) Bromobenzene	11.26	156	208256	48.252	ug/l	98
78) n-propylbenzene	11.37	91	910486	53.284	ug/l	100
79) 2-Chlorotoluene	11.43	91	526529	48.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	674598	51.159	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	62726	45.342	ug/l	97
82) 4-Chlorotoluene	11.51	91	630811	50.652	ug/l	99
83) tert-Butylbenzene	11.77	119	661111	51.486	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	693652	51.102	ug/l	99
85) sec-Butylbenzene	11.95	105	829720	55.118	ug/l	100
86) p-Isopropyltoluene	12.07	119	758810	55.341	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	394540	51.126	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	402749	50.633	ug/l	99
89) n-Butylbenzene	12.39	91	690909	60.080	ug/l	100
90) Hexachloroethane	12.60	117	114218	52.183	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	396718	49.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47307	44.740	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
Data File : VX002458.D
Acq On : 12 Jun 2018 10:12
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
6/13/2018 1:59:34 PM

Quant Time: Jun 13 01:31:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	301615	53.873	ug/l	99
94) Hexachlorobutadiene	13.79	225	169774	61.366	ug/l	99
95) Naphthalene	13.84	128	788889	49.042	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299599	52.471	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002458.D
 Acq On : 12 Jun 2018 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:34 PM

Quant Time: Jun 13 01:31:20 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

