

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002417.D
 Acq On : 09 Jun 2018 10:48
 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
 6/11/2018 2:32:51 PM

Quant Time: Jun 11 04:21:54 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	247970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159715	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
35) Dibromofluoromethane	5.51	113	125726	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	8.72	98	483684	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
62) 4-Bromofluorobenzene	11.14	95	188336	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	125321	48.62	ug/l	99
3) Chloromethane	1.32	50	135481	45.62	ug/l	99
4) Vinyl Chloride	1.41	62	153099	47.13	ug/l	98
5) Bromomethane	1.64	94	66987	35.47	ug/l	98
6) Chloroethane	1.72	64	100711	47.92	ug/l	99
7) Trichlorofluoromethane	1.93	101	267016	53.94	ug/l	98
8) Diethyl Ether	2.19	74	93461	53.29	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	154668	57.90	ug/l	98
10) Methyl Iodide	2.51	142	99369	26.45	ug/l	99
11) Tert butyl alcohol	3.07	59	146525	197.46	ug/l	99
12) 1,1-Dichloroethene	2.38	96	132225	50.09	ug/l	99
13) Acrolein	2.29	56	76203	215.07	ug/l	99
14) Allyl chloride	2.73	41	262662	45.85	ug/l	98
15) Acrylonitrile	3.15	53	366518	242.57	ug/l	99
16) Acetone	2.45	43	454988	302.36	ug/l	99
17) Carbon Disulfide	2.57	76	326635	46.95	ug/l	98
18) Methyl Acetate	2.78	43	178549	50.28	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	491809	53.68	ug/l	100
20) Methylene Chloride	2.86	84	148063	52.97	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	139783	48.02	ug/l	99
22) Diisopropyl ether	3.87	45	522402	54.72	ug/l	95
23) Vinyl Acetate	3.82	43	2261334	243.49	ug/l	100
24) 1,1-Dichloroethane	3.70	63	280046	49.46	ug/l	99
25) 2-Butanone	4.70	43	518303	213.18	ug/l	100
26) 2,2-Dichloropropane	4.59	77	206587	46.68	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	142412	44.98	ug/l	95
28) Bromochloromethane	5.03	49	127426	53.14	ug/l	99
29) Tetrahydrofuran	5.17	42	306206	195.34	ug/l	99
30) Chloroform	5.22	83	254600	46.60	ug/l	98
31) Cyclohexane	5.58	56	221848	49.55	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	226759	48.94	ug/l	100
36) 1,1-Dichloropropene	5.80	75	184001	51.07	ug/l	99
37) Ethyl Acetate	4.86	43	190492	43.96	ug/l	100
38) Carbon Tetrachloride	5.79	117	201873	53.55	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060918\
 Data File : VX002417.D
 Acq On : 09 Jun 2018 10:48
 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
 6/11/2018 2:32:51 PM

Quant Time: Jun 11 04:21:54 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	235608	52.91	ug/l	98
40) Benzene	6.15	78	545318	49.36	ug/l	97
41) Methacrylonitrile	5.06	41	111624	45.00	ug/l	99
42) 1,2-Dichloroethane	6.20	62	213244	48.58	ug/l	99
43) Isopropyl Acetate	6.46	43	336741	45.75	ug/l	99
44) Trichloroethene	7.21	130	156660	51.09	ug/l	95
45) 1,2-Dichloropropane	7.52	63	147003	49.29	ug/l	98
46) Dibromomethane	7.66	93	98785	48.86	ug/l	99
47) Bromodichloromethane	7.90	83	189560	51.84	ug/l	97
48) Methyl methacrylate	7.78	41	171598	46.42	ug/l	98
49) 1,4-Dioxane	7.76	88	51975	751.89	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1057346	230.69	ug/l	99
52) Toluene	8.79	92	362638	51.61	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226214	51.59	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	214430	51.83	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147900	51.18	ug/l	99
56) Ethyl methacrylate	9.18	69	224986	48.76	ug/l	99
57) 1,3-Dichloropropane	9.37	76	242761	50.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	555767	260.25	ug/l	99
59) 2-Hexanone	9.50	43	836203	236.20	ug/l	99
60) Dibromochloromethane	9.59	129	158758	54.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	154166	51.16	ug/l	99
64) Tetrachloroethene	9.34	164	177095	50.83	ug/l	97
65) Chlorobenzene	10.14	112	420524	50.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	157161	51.64	ug/l	99
67) Ethyl Benzene	10.26	91	732958	52.11	ug/l	100
68) m/p-Xylenes	10.36	106	571847	104.58	ug/l	100
69) o-Xylene	10.70	106	278308	51.14	ug/l	99
70) Styrene	10.71	104	465995	52.38	ug/l	99
71) Bromoform	10.86	173	121821	45.06	ug/l	100
73) Isopropylbenzene	11.02	105	777471	50.61	ug/l	100
74) N-amyl acetate	6.46	43	336741	40.69	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	216710	44.86	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	215354m	44.45	ug/l	
77) Bromobenzene	11.26	156	207412	48.10	ug/l	98
78) n-propylbenzene	11.37	91	903471	52.92	ug/l	100
79) 2-Chlorotoluene	11.43	91	517243	47.98	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	666348	50.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	56845	41.13	ug/l	97
82) 4-Chlorotoluene	11.51	91	622539	50.03	ug/l	100
83) tert-Butylbenzene	11.77	119	655323	51.08	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	684284	50.46	ug/l	99
85) sec-Butylbenzene	11.95	105	815324	54.21	ug/l	100
86) p-Isopropyltoluene	12.07	119	746310	54.48	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	387922	50.31	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	394531	49.64	ug/l	99
89) n-Butylbenzene	12.39	91	660061	57.45	ug/l	100
90) Hexachloroethane	12.60	117	106730	48.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	388766	48.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47479	44.94	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002417.D
Acq On : 09 Jun 2018 10:48
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
6/11/2018 2:32:51 PM

Quant Time: Jun 11 04:21:54 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	297005	53.09	ug/l	99
94) Hexachlorobutadiene	13.79	225	161971	58.60	ug/l	99
95) Naphthalene	13.84	128	780350	48.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	296075	51.90	ug/l	99

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

