

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004761.D
 Acq On : 27 Sep 2018 08:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 12:51:20 PM

Quant Time: Sep 27 09:08:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301691	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	457824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248649	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	208338	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.51	113	173627	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
50) Toluene-d8	8.72	98	650313	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.14	95	239969	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	252406	61.361	ug/l	90
3) Chloromethane	1.33	50	247144	49.522	ug/l	99
4) Vinyl Chloride	1.41	62	250356	53.487	ug/l	95
5) Bromomethane	1.64	94	115522	41.620	ug/l	100
6) Chloroethane	1.72	64	152554	60.283	ug/l	98
7) Trichlorofluoromethane	1.93	101	308835	53.296	ug/l	96
8) Diethyl Ether	2.19	74	133506	53.034	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	177067	53.643	ug/l	96
10) Methyl Iodide	2.51	142	150081	33.978	ug/l	99
11) Tert butyl alcohol	3.07	59	302027	250.640	ug/l	99
12) 1,1-Dichloroethene	2.37	96	180001	55.064	ug/l	91
13) Acrolein	2.30	56	103109	120.262	ug/l	95
14) Allyl chloride	2.73	41	360680	50.569	ug/l	93
15) Acrylonitrile	3.15	53	684784	258.145	ug/l	98
16) Acetone	2.45	43	590240	234.589	ug/l	100
17) Carbon Disulfide	2.57	76	526849	53.636	ug/l	99
18) Methyl Acetate	2.78	43	330638	51.867	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	623096	55.260	ug/l	96
20) Methylene Chloride	2.86	84	198459	54.322	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	185503	51.839	ug/l	84
22) Diisopropyl ether	3.87	45	691600	57.583	ug/l	93
23) Vinyl Acetate	3.82	43	2924486	266.009	ug/l	99
24) 1,1-Dichloroethane	3.69	63	361885	50.511	ug/l	96
25) 2-Butanone	4.70	43	924561	249.292	ug/l	92
26) 2,2-Dichloropropane	4.59	77	157106	31.491	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	208269	52.099	ug/l	97
28) Bromochloromethane	5.02	49	167135	49.539	ug/l	93
29) Tetrahydrofuran	5.16	42	631398	273.911	ug/l	94
30) Chloroform	5.21	83	338665	50.016	ug/l	97
31) Cyclohexane	5.57	56	329718	60.130	ug/l	89
32) 1,1,1-Trichloroethane	5.50	97	290105	52.462	ug/l	99
36) 1,1-Dichloropropene	5.80	75	248055	46.857	ug/l	99
37) Ethyl Acetate	4.86	43	341754	48.633	ug/l	98
38) Carbon Tetrachloride	5.79	117	246869	44.362	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004761.D
 Acq On : 27 Sep 2018 08:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 12:51:20 PM

Quant Time: Sep 27 09:08:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	300721	55.631	ug/l	97
40) Benzene	6.15	78	761011	45.917	ug/l	100
41) Methacrylonitrile	5.06	41	185382	47.569	ug/l	97
42) 1,2-Dichloroethane	6.20	62	262254	44.761	ug/l	98
43) Isopropyl Acetate	6.46	43	529131	52.169	ug/l	96
44) Trichloroethene	7.21	130	204996	50.314	ug/l	95
45) 1,2-Dichloropropane	7.52	63	202569	49.840	ug/l	100
46) Dibromomethane	7.66	93	128168	50.177	ug/l	98
47) Bromodichloromethane	7.90	83	243893	50.999	ug/l	99
48) Methyl methacrylate	7.78	41	253723	55.114	ug/l	95
49) 1,4-Dioxane	7.76	88	111725	976.862	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1695343	265.467	ug/l	97
52) Toluene	8.79	92	469558	51.560	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	261481	48.385	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	282462	49.900	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	191697	48.055	ug/l	97
56) Ethyl methacrylate	9.18	69	318172	49.200	ug/l	96
57) 1,3-Dichloropropane	9.37	76	320381	48.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	846930	246.605	ug/l	94
59) 2-Hexanone	9.50	43	1340517	251.892	ug/l	95
60) Dibromochloromethane	9.59	129	198802	49.832	ug/l	100
61) 1,2-Dibromoethane	9.68	107	201786	47.233	ug/l	99
64) Tetrachloroethene	9.34	164	206357	50.155	ug/l	97
65) Chlorobenzene	10.14	112	523559	48.841	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	186240	49.419	ug/l	99
67) Ethyl Benzene	10.26	91	899495	52.853	ug/l	98
68) m/p-Xylenes	10.36	106	695648	104.601	ug/l	96
69) o-Xylene	10.70	106	337849	55.309	ug/l	96
70) Styrene	10.71	104	566569	49.609	ug/l	97
71) Bromoform	10.86	173	163156	50.569	ug/l #	100
73) Isopropylbenzene	11.02	105	894114	57.049	ug/l	99
74) N-amyl acetate	10.90	43	451004	52.272	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	314170	49.244	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	280961m	50.414	ug/l	
77) Bromobenzene	11.26	156	241087	52.960	ug/l	98
78) n-propylbenzene	11.36	91	1029552	57.253	ug/l	100
79) 2-Chlorotoluene	11.42	91	609425	54.370	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	761398	53.017	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	80912	40.010	ug/l	96
82) 4-Chlorotoluene	11.51	91	720372	54.601	ug/l	99
83) tert-Butylbenzene	11.77	119	732484	56.765	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	780277	52.683	ug/l	98
85) sec-Butylbenzene	11.94	105	897694	57.115	ug/l	99
86) p-Isopropyltoluene	12.07	119	806730	56.653	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	439122	51.659	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	443816	50.578	ug/l	99
89) n-Butylbenzene	12.39	91	717331	55.467	ug/l	98
90) Hexachloroethane	12.60	117	124329	52.439	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	443949	49.976	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72146	51.503	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004761.D
Acq On : 27 Sep 2018 08:38
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/27/2018 12:51:20 PM

Quant Time: Sep 27 09:08:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	335159	53.785	ug/l	99
94) Hexachlorobutadiene	13.79	225	153336	47.453	ug/l	96
95) Naphthalene	13.83	128	1086917	52.515	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	341553	53.060	ug/l	99

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

