

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012879.D
 Acq On : 08 Oct 2019 08:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:34 PM

Quant Time: Oct 08 13:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	107271	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
35) Dibromofluoromethane	5.48	113	86496	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	8.71	98	319297	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.14	95	124920	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68708	36.875	ug/l	95
3) Chloromethane	1.32	50	77737	36.333	ug/l	99
4) Vinyl Chloride	1.40	62	83638	39.328	ug/l	95
5) Bromomethane	1.62	94	32714	39.124	ug/l	96
6) Chloroethane	1.70	64	57074	39.810	ug/l	97
7) Trichlorofluoromethane	1.92	101	126259	42.286	ug/l	98
8) Diethyl Ether	2.18	74	52334	42.769	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81608	44.873	ug/l	98
10) Methyl Iodide	2.50	142	75985	40.685	ug/l	93
11) Tert butyl alcohol	3.04	59	136633	226.776	ug/l	98
12) 1,1-Dichloroethene	2.36	96	81278	45.641	ug/l	97
13) Acrolein	2.28	56	67279	202.483	ug/l	98
14) Allyl chloride	2.72	41	146023	41.330	ug/l	95
15) Acrylonitrile	3.13	53	277249	226.816	ug/l	99
16) Acetone	2.44	43	233209	182.547	ug/l	97
17) Carbon Disulfide	2.56	76	198320	39.724	ug/l	98
18) Methyl Acetate	2.76	43	141812	47.143	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	310897	46.124	ug/l	98
20) Methylene Chloride	2.84	84	95643	44.263	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	86688	43.940	ug/l	97
22) Diisopropyl ether	3.84	45	306276	44.863	ug/l	98
23) Vinyl Acetate	3.80	43	1288961	215.296	ug/l	97
24) 1,1-Dichloroethane	3.69	63	169417	45.653	ug/l	99
25) 2-Butanone	4.66	43	379101	206.957	ug/l	96
26) 2,2-Dichloropropane	4.58	77	88022	26.669	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	105418	46.051	ug/l	88
28) Bromochloromethane	5.00	49	61645	45.749	ug/l	93
29) Tetrahydrofuran	5.12	42	241631	216.422	ug/l	94
30) Chloroform	5.20	83	171129	45.074	ug/l	96
31) Cyclohexane	5.57	56	145286	43.276	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	148865	44.241	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123452	44.725	ug/l	98
37) Ethyl Acetate	4.83	43	145722	45.157	ug/l	97
38) Carbon Tetrachloride	5.77	117	126403	45.081	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012879.D
 Acq On : 08 Oct 2019 08:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:34 PM

Quant Time: Oct 08 13:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	144333	43.435	ug/l	96
40) Benzene	6.14	78	374696	46.137	ug/l	99
41) Methacrylonitrile	5.03	41	83569	46.156	ug/l	94
42) 1,2-Dichloroethane	6.18	62	139151	45.120	ug/l	97
43) Isopropyl Acetate	6.44	43	242299	44.899	ug/l	96
44) Trichloroethene	7.20	130	97206	46.819	ug/l	99
45) 1,2-Dichloropropane	7.51	63	99424	47.817	ug/l	99
46) Dibromomethane	7.65	93	66314	46.843	ug/l	99
47) Bromodichloromethane	7.89	83	133187	47.073	ug/l	99
48) Methyl methacrylate	7.76	41	116311	44.949	ug/l	91
49) 1,4-Dioxane	7.73	88	50924	867.651	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	753960	226.333	ug/l	95
52) Toluene	8.78	92	241968	47.404	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138408	44.213	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150681	44.085	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	100027	49.290	ug/l	98
56) Ethyl methacrylate	9.17	69	164244	48.175	ug/l	90
57) 1,3-Dichloropropane	9.37	76	167347	47.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	380733	248.789	ug/l	100
59) 2-Hexanone	9.49	43	577389	226.442	ug/l	93
60) Dibromochloromethane	9.58	129	102156	49.728	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104062	49.272	ug/l	99
64) Tetrachloroethene	9.33	164	90957	51.197	ug/l	93
65) Chlorobenzene	10.14	112	258263	48.131	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	95850	49.301	ug/l	98
67) Ethyl Benzene	10.25	91	462416	47.514	ug/l	100
68) m/p-Xylenes	10.36	106	344594	94.521	ug/l	98
69) o-Xylene	10.70	106	171040	48.485	ug/l	98
70) Styrene	10.71	104	297417	50.292	ug/l	98
71) Bromoform	10.85	173	71940	53.142	ug/l #	99
73) Isopropylbenzene	11.01	105	453362	45.954	ug/l	99
74) N-amyl acetate	10.89	43	214964	45.674	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	158727	48.580	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	145743m	45.486	ug/l	
77) Bromobenzene	11.25	156	104368	46.743	ug/l	98
78) n-propylbenzene	11.35	91	504265	45.401	ug/l	100
79) 2-Chlorotoluene	11.42	91	315373	45.517	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	387297	46.814	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41265	36.907	ug/l	95
82) 4-Chlorotoluene	11.51	91	358839	45.432	ug/l	99
83) tert-Butylbenzene	11.77	119	374731	46.956	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	390195	46.754	ug/l	100
85) sec-Butylbenzene	11.94	105	442863	47.711	ug/l	99
86) p-Isopropyltoluene	12.06	119	399885	47.745	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195215	48.582	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	197653	48.678	ug/l	99
89) n-Butylbenzene	12.39	91	327958	44.437	ug/l	99
90) Hexachloroethane	12.59	117	68888	46.135	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	197739	49.154	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38539	47.154	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100719\
Data File : VX012879.D
Acq On : 08 Oct 2019 08:19
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/8/2019 2:07:34 PM

Quant Time: Oct 08 13:25:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	123286	50.252	ug/l	100
94) Hexachlorobutadiene	13.78	225	51755	49.037	ug/l	99
95) Naphthalene	13.83	128	444993	50.133	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	125088	50.899	ug/l	98

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

