

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013365.D
 Acq On : 08 Nov 2019 18:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 3:34:24 PM

Quant Time: Nov 11 04:01:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	698869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1073528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	976714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	496569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	396038	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	5.48	113	329994	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.71	98	1263519	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	454471	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	384659	47.770	ug/l	99
3) Chloromethane	1.31	50	424504	48.613	ug/l	99
4) Vinyl Chloride	1.40	62	485473	48.834	ug/l	100
5) Bromomethane	1.63	94	295610	42.670	ug/l	100
6) Chloroethane	1.71	64	266314	46.786	ug/l	100
7) Trichlorofluoromethane	1.92	101	535618	45.603	ug/l	97
8) Diethyl Ether	2.17	74	245760	47.317	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	327815	50.076	ug/l	99
10) Methyl Iodide	2.50	142	411695	50.796	ug/l	97
11) Tert butyl alcohol	3.03	59	452664	207.431	ug/l	100
12) 1,1-Dichloroethene	2.36	96	326531	50.936	ug/l	95
13) Acrolein	2.28	56	282218	238.619	ug/l	98
14) Allyl chloride	2.72	41	604186	51.871	ug/l	97
15) Acrylonitrile	3.12	53	1035770	254.094	ug/l	99
16) Acetone	2.43	43	1012651	245.211	ug/l	100
17) Carbon Disulfide	2.56	76	825686	48.122	ug/l	99
18) Methyl Acetate	2.76	43	592136	51.936	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	1125505	52.639	ug/l	97
20) Methylene Chloride	2.84	84	373025	48.888	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	347090	49.727	ug/l	97
22) Diisopropyl ether	3.84	45	1195487	53.162	ug/l	92
23) Vinyl Acetate	3.80	43	4972966	258.437	ug/l	100
24) 1,1-Dichloroethane	3.69	63	652672	51.883	ug/l	98
25) 2-Butanone	4.65	43	1503352	248.145	ug/l	100
26) 2,2-Dichloropropane	4.57	77	518035	51.765	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	409197	52.333	ug/l	100
28) Bromochloromethane	5.00	49	187560	52.512	ug/l	98
29) Tetrahydrofuran	5.11	42	933628	250.074	ug/l	99
30) Chloroform	5.20	83	633029	50.962	ug/l	99
31) Cyclohexane	5.57	56	575316	50.825	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	544206	50.908	ug/l	99
36) 1,1-Dichloropropene	5.79	75	471529	51.200	ug/l	99
37) Ethyl Acetate	4.81	43	559314	49.149	ug/l	100
38) Carbon Tetrachloride	5.77	117	464151	51.539	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013365.D
 Acq On : 08 Nov 2019 18:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 3:34:24 PM

Quant Time: Nov 11 04:01:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	578350	50.400	ug/l	97
40) Benzene	6.13	78	1469584	51.227	ug/l	99
41) Methacrylonitrile	5.02	41	313316	49.121	ug/l	98
42) 1,2-Dichloroethane	6.18	62	518946	50.151	ug/l	100
43) Isopropyl Acetate	6.43	43	912676	51.504	ug/l	99
44) Trichloroethene	7.20	130	393387	49.817	ug/l	99
45) 1,2-Dichloropropane	7.51	63	381522	52.196	ug/l	100
46) Dibromomethane	7.65	93	249586	50.010	ug/l	98
47) Bromodichloromethane	7.89	83	492316	52.313	ug/l	98
48) Methyl methacrylate	7.76	41	460918	52.107	ug/l	97
49) 1,4-Dioxane	7.73	88	193731	956.337	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2903815	249.765	ug/l	99
52) Toluene	8.78	92	921933	51.851	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	557867	54.210	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	613812	53.322	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	384371	52.155	ug/l	98
56) Ethyl methacrylate	9.17	69	623448	49.566	ug/l	97
57) 1,3-Dichloropropane	9.37	76	643859	51.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1312979	260.560	ug/l	99
59) 2-Hexanone	9.48	43	2250704	250.511	ug/l	99
60) Dibromochloromethane	9.57	129	402165	53.357	ug/l	99
61) 1,2-Dibromoethane	9.67	107	399698	51.075	ug/l	100
64) Tetrachloroethene	9.33	164	348483	49.840	ug/l	97
65) Chlorobenzene	10.14	112	1000460	50.595	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	375596	51.731	ug/l	99
67) Ethyl Benzene	10.25	91	1780582	52.174	ug/l	99
68) m/p-Xylenes	10.36	106	1343246	104.072	ug/l	100
69) o-Xylene	10.69	106	664536	52.590	ug/l	98
70) Styrene	10.71	104	1139854	53.963	ug/l	98
71) Bromoform	10.85	173	317038	47.281	ug/l	99
73) Isopropylbenzene	11.01	105	1741288	52.889	ug/l	100
74) N-amyl acetate	10.89	43	824791	54.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	617290	51.394	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	493202m	48.900	ug/l	
77) Bromobenzene	11.25	156	461085	52.534	ug/l	98
78) n-propylbenzene	11.35	91	1977322	53.915	ug/l	99
79) 2-Chlorotoluene	11.42	91	1161158	52.550	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1466659	53.482	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	202194	51.601	ug/l	99
82) 4-Chlorotoluene	11.51	91	1347809	52.108	ug/l	99
83) tert-Butylbenzene	11.76	119	1485382	53.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1467846	53.358	ug/l	99
85) sec-Butylbenzene	11.94	105	1701526	53.630	ug/l	100
86) p-Isopropyltoluene	12.06	119	1579495	54.065	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	810127	51.782	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	811420	50.905	ug/l	99
89) n-Butylbenzene	12.39	91	1361141	53.395	ug/l	100
90) Hexachloroethane	12.59	117	280335	53.856	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	814650	52.092	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	132490	45.277	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
Data File : VX013365.D
Acq On : 08 Nov 2019 18:11
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/11/2019 3:34:24 PM

Quant Time: Nov 11 04:01:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	574114	52.629	ug/l	98
94) Hexachlorobutadiene	13.78	225	261280	48.957	ug/l	99
95) Naphthalene	13.83	128	1818674	53.137	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	562990	51.461	ug/l	99

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

