

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011819\
 Data File : VX007124.D
 Acq On : 18 Jan 2019 10:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 9:38:49 AM

Quant Time: Jan 18 21:58:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	513194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	734737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	350751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	253760	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	5.50	113	230691	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.71	98	866031	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	316945	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	211750	50.245	ug/l	99
3) Chloromethane	1.33	50	227616	46.395	ug/l	97
4) Vinyl Chloride	1.41	62	244627	46.353	ug/l	99
5) Bromomethane	1.64	94	239948	42.556	ug/l	97
6) Chloroethane	1.72	64	161723	43.887	ug/l	98
7) Trichlorofluoromethane	1.93	101	405745	47.583	ug/l	98
8) Diethyl Ether	2.19	74	155029	45.698	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	245209	48.032	ug/l	99
10) Methyl Iodide	2.51	142	350017	50.828	ug/l	100
11) Tert butyl alcohol	3.07	59	285453	225.624	ug/l	99
12) 1,1-Dichloroethene	2.37	96	220548	46.760	ug/l	99
13) Acrolein	2.29	56	131961	241.943	ug/l	99
14) Allyl chloride	2.73	41	380634	47.088	ug/l	99
15) Acrylonitrile	3.15	53	694783	239.220	ug/l	99
16) Acetone	2.45	43	725381	273.579	ug/l	100
17) Carbon Disulfide	2.57	76	493676	40.654	ug/l	99
18) Methyl Acetate	2.78	43	380893	49.605	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	773615	47.256	ug/l	99
20) Methylene Chloride	2.86	84	252495	50.068	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	235207	44.748	ug/l	99
22) Diisopropyl ether	3.87	45	737081	48.503	ug/l	95
23) Vinyl Acetate	3.82	43	3183525	248.407	ug/l	99
24) 1,1-Dichloroethane	3.70	63	427615	50.322	ug/l	100
25) 2-Butanone	4.70	43	954204	251.514	ug/l	100
26) 2,2-Dichloropropane	4.59	77	312718	47.858	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	270835	46.714	ug/l	98
28) Bromochloromethane	5.02	49	173638	46.639	ug/l	97
29) Tetrahydrofuran	5.15	42	586711	237.966	ug/l	97
30) Chloroform	5.21	83	432577	48.621	ug/l	99
31) Cyclohexane	5.57	56	355516	47.007	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	365385	48.453	ug/l	98
36) 1,1-Dichloropropene	5.80	75	311046	48.693	ug/l	98
37) Ethyl Acetate	4.85	43	337835	49.330	ug/l	99
38) Carbon Tetrachloride	5.78	117	318474	49.552	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007124.D
 Acq On : 18 Jan 2019 10:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 9:38:49 AM

Quant Time: Jan 18 21:58:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	400903	49.229	ug/l	96
40) Benzene	6.14	78	951960	48.840	ug/l	99
41) Methacrylonitrile	5.06	41	186950	47.386	ug/l	99
42) 1,2-Dichloroethane	6.20	62	328152	48.720	ug/l	99
43) Isopropyl Acetate	6.46	43	544392	50.395	ug/l	98
44) Trichloroethene	7.21	130	285118	48.815	ug/l	96
45) 1,2-Dichloropropane	7.51	63	242134	49.413	ug/l	99
46) Dibromomethane	7.66	93	172134	49.982	ug/l	98
47) Bromodichloromethane	7.90	83	305799	52.166	ug/l	99
48) Methyl methacrylate	7.77	41	281490	50.742	ug/l	98
49) 1,4-Dioxane	7.75	88	122594	967.407	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1803827	259.830	ug/l	100
52) Toluene	8.78	92	623085	49.736	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	346140	53.251	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	374164	52.123	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	266133	53.073	ug/l	98
56) Ethyl methacrylate	9.18	69	388546	53.077	ug/l	97
57) 1,3-Dichloropropane	9.37	76	420598	51.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1045677	277.821	ug/l	99
59) 2-Hexanone	9.49	43	1399660	264.564	ug/l	100
60) Dibromochloromethane	9.58	129	272396	55.943	ug/l	98
61) 1,2-Dibromoethane	9.67	107	287633	52.104	ug/l	100
64) Tetrachloroethene	9.34	164	290173	49.169	ug/l	96
65) Chlorobenzene	10.14	112	733141	49.313	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	265681	53.122	ug/l	98
67) Ethyl Benzene	10.25	91	1216016	49.545	ug/l	99
68) m/p-Xylenes	10.36	106	963669	99.657	ug/l	98
69) o-Xylene	10.70	106	472144	50.065	ug/l	98
70) Styrene	10.71	104	764564	51.189	ug/l	99
71) Bromoform	10.86	173	202406	45.686	ug/l	97
73) Isopropylbenzene	11.02	105	1265863	51.182	ug/l	99
74) N-amyl acetate	10.90	43	491589	49.366	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	381032	48.528	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	365546m	51.429	ug/l	
77) Bromobenzene	11.26	156	338955	49.738	ug/l	98
78) n-propylbenzene	11.36	91	1430170	52.674	ug/l	98
79) 2-Chlorotoluene	11.42	91	822764	50.340	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1051190	50.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	108614	46.409	ug/l	97
82) 4-Chlorotoluene	11.51	91	972373	51.384	ug/l	100
83) tert-Butylbenzene	11.77	119	1068616	51.826	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1069228	51.451	ug/l	100
85) sec-Butylbenzene	11.94	105	1291037	52.428	ug/l	100
86) p-Isopropyltoluene	12.06	119	1165877	52.931	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	608815	49.426	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	614265	52.625	ug/l	99
89) n-Butylbenzene	12.39	91	1006191	53.587	ug/l	99
90) Hexachloroethane	12.60	117	177375	50.417	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	601641	49.494	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79188	50.994	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007124.D
Acq On : 18 Jan 2019 10:13
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:49 AM

Quant Time: Jan 18 21:58:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	436488	52.338	ug/l	99
94) Hexachlorobutadiene	13.78	225	208500	56.338	ug/l	98
95) Naphthalene	13.83	128	1301412	51.498	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	427356	51.585	ug/l	98

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

