

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012023.D
 Acq On : 03 Sep 2019 15:01
 Operator : SY/SP
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

sam
 9/4/2019 4:45:53 PM

Quant Time: Sep 03 15:25:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 12:11:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	133441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	248519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109944	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	292568	248.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	496.18%	
35) Dibromofluoromethane	5.48	113	240123	147.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.72%	
50) Toluene-d8	8.71	98	877813	152.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.88%	
62) 4-Bromofluorobenzene	11.14	95	380041	153.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	186443	231.480	ug/l	97
3) Chloromethane	1.31	50	214302	267.709	ug/l	100
4) Vinyl Chloride	1.40	62	204710	251.752	ug/l	99
5) Bromomethane	1.62	94	85204	147.789	ug/l	99
6) Chloroethane	1.70	64	120440	234.179	ug/l	98
7) Trichlorofluoromethane	1.91	101	293337	198.727	ug/l	99
8) Diethyl Ether	2.17	74	106056	236.292	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.36	101	212322	225.869	ug/l #	83
10) Methyl Iodide	2.49	142	235112	250.358	ug/l	95
11) Tert butyl alcohol	3.05	59	139729	1434.351	ug/l	98
12) 1,1-Dichloroethene	2.36	96	210175	245.048	ug/l	92
13) Acrolein	2.28	56	36381	1020.081	ug/l	94
14) Allyl chloride	2.71	41	402136	273.574	ug/l	99
15) Acrylonitrile	3.13	53	328212	1429.303	ug/l	100
16) Acetone	2.44	43	335998	1451.825	ug/l	99
17) Carbon Disulfide	2.55	76	684714	282.970	ug/l	100
18) Methyl Acetate	2.76	43	168827	281.511	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	700969	274.152	ug/l	98
20) Methylene Chloride	2.84	84	263315	251.895	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	254144	249.274	ug/l	95
22) Diisopropyl ether	3.84	45	792533	268.099	ug/l	93
23) Vinyl Acetate	3.80	43	2656690	1429.313	ug/l	98
24) 1,1-Dichloroethane	3.68	63	462325	268.176	ug/l	98
25) 2-Butanone	4.66	43	474049	1503.558	ug/l	99
26) 2,2-Dichloropropane	4.56	77	404674	253.061	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	297092	253.630	ug/l	94
28) Bromochloromethane	5.00	49	172763	243.835	ug/l #	81
29) Tetrahydrofuran	5.11	42	284611	1467.810	ug/l	100
30) Chloroform	5.19	83	485611	256.629	ug/l	98
31) Cyclohexane	5.56	56	350496	244.037	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	425947	241.947	ug/l	97
36) 1,1-Dichloropropene	5.78	75	345793	181.840	ug/l	96
37) Ethyl Acetate	4.82	43	202571	212.797	ug/l	99
38) Carbon Tetrachloride	5.77	117	368973	159.562	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012023.D
 Acq On : 03 Sep 2019 15:01
 Operator : SY/SP
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

sam
 9/4/2019 4:45:53 PM

Quant Time: Sep 03 15:25:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 12:11:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	384859	166.675	ug/l	96
40) Benzene	6.13	78	1017960	185.345	ug/l	99
41) Methacrylonitrile	5.03	41	121863	212.414	ug/l	97
42) 1,2-Dichloroethane	6.18	62	369307	198.491	ug/l	97
43) Isopropyl Acetate	6.43	43	412651	209.713	ug/l	99
44) Trichloroethene	7.20	130	270743	148.422	ug/l	82
45) 1,2-Dichloropropane	7.51	63	260417	188.430	ug/l	100
46) Dibromomethane	7.65	93	156304	188.678	ug/l	# 74
47) Bromodichloromethane	7.89	83	391425	187.172	ug/l	98
48) Methyl methacrylate	7.76	41	208321	214.702	ug/l	97
49) 1,4-Dioxane	7.73	88	53006	3893.972	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1022666	1034.126	ug/l	99
52) Toluene	8.78	92	651537	175.084	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	414775	195.934	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	452863	190.058	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	216402	178.938	ug/l	98
56) Ethyl methacrylate	9.17	69	327906	204.169	ug/l	97
57) 1,3-Dichloropropane	9.37	76	377508	190.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	674281	923.877	ug/l	93
59) 2-Hexanone	9.49	43	746348	1060.165	ug/l	98
60) Dibromochloromethane	9.58	129	268882	159.937	ug/l	99
61) 1,2-Dibromoethane	9.67	107	216522	179.749	ug/l	97
64) Tetrachloroethene	9.33	164	214675	114.430	ug/l	# 88
65) Chlorobenzene	10.14	112	707884	164.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	264266	153.037	ug/l	98
67) Ethyl Benzene	10.25	91	1273428	175.169	ug/l	97
68) m/p-Xylenes	10.35	106	918420	321.732	ug/l	91
69) o-Xylene	10.70	106	459284	165.860	ug/l	92
70) Styrene	10.71	104	815212	171.583	ug/l	96
71) Bromoform	10.85	173	151648	126.571	ug/l	99
73) Isopropylbenzene	11.01	105	1221095	199.027	ug/l	97
74) N-amyl acetate	10.89	43	399480	261.119	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	268513	239.058	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	239117m	274.754	ug/l	
77) Bromobenzene	11.25	156	282458	157.456	ug/l	69
78) n-propylbenzene	11.35	91	1469706	212.873	ug/l	94
79) 2-Chlorotoluene	11.42	91	898006	219.701	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	1054548	199.252	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	95110	257.808	ug/l	98
82) 4-Chlorotoluene	11.51	91	1053358	214.771	ug/l	91
83) tert-Butylbenzene	11.77	119	1023354	187.066	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	1119843	208.787	ug/l	94
85) sec-Butylbenzene	11.95	105	1259413	200.422	ug/l	94
86) p-Isopropyltoluene	12.06	119	1154623	187.672	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	554410	164.793	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	552541	165.304	ug/l	94
89) n-Butylbenzene	12.38	91	1103264	207.063	ug/l	96
90) Hexachloroethane	12.59	117	237380	205.512	ug/l	54
91) 1,2-Dichlorobenzene	12.39	146	500125	164.664	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	56866	257.857	ug/l	68

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012023.D
Acq On : 03 Sep 2019 15:01
Operator : SY/SP
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA X/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

sam
9/4/2019 4:45:53 PM

Quant Time: Sep 03 15:25:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 12:11:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	360229	136.310	ug/l	96
94) Hexachlorobutadiene	13.78	225	178208	96.518	ug/l	100
95) Naphthalene	13.83	128	843723	207.636	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	324767	139.764	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012023.D
Acq On : 03 Sep 2019 15:01
Operator : SY/SP
Sample : VSTDIC150
Misc : 5.00µ/5.0mL/MSVOA X/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC150

Manual Integrations
APPROVED

sam
9/4/2019 4:45:53 PM

Quant Time: Sep 03 15:25:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 12:11:35 2019
Response via : Initial Calibration

