

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012022.D
 Acq On : 03 Sep 2019 14:34
 Operator : SY/SP
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

sam
 9/4/2019 4:46:24 PM

Quant Time: Sep 03 14:57:30 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	145209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	263904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	199234	155.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.52%	
35) Dibromofluoromethane	5.48	113	162945	94.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.32%	
50) Toluene-d8	8.71	98	602243	98.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.62%	
62) 4-Bromofluorobenzene	11.14	95	256405	97.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	135198	154.253	ug/l	96
3) Chloromethane	1.31	50	142766	163.892	ug/l	98
4) Vinyl Chloride	1.39	62	137678	155.595	ug/l	98
5) Bromomethane	1.62	94	58835	93.781	ug/l	95
6) Chloroethane	1.70	64	82604	147.596	ug/l	97
7) Trichlorofluoromethane	1.91	101	207725	129.323	ug/l	99
8) Diethyl Ether	2.17	74	71696	146.792	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	153997	150.546	ug/l #	84
10) Methyl Iodide	2.50	142	158177	154.784	ug/l	94
11) Tert butyl alcohol	3.03	59	98110	925.503	ug/l	97
12) 1,1-Dichloroethene	2.36	96	152008	162.867	ug/l	93
13) Acrolein	2.28	56	24103	621.051	ug/l	97
14) Allyl chloride	2.71	41	279845	174.950	ug/l	99
15) Acrylonitrile	3.12	53	231604	926.855	ug/l	99
16) Acetone	2.43	43	248098	985.137	ug/l	100
17) Carbon Disulfide	2.55	76	480699	182.557	ug/l	100
18) Methyl Acetate	2.76	43	118992	182.334	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	486019	174.679	ug/l	100
20) Methylene Chloride	2.84	84	180927	159.053	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	177711	160.179	ug/l	94
22) Diisopropyl ether	3.84	45	543004	168.802	ug/l	99
23) Vinyl Acetate	3.80	43	1838590	909.007	ug/l	99
24) 1,1-Dichloroethane	3.68	63	316986	168.969	ug/l	99
25) 2-Butanone	4.65	43	334030	973.594	ug/l	99
26) 2,2-Dichloropropane	4.56	77	288610	165.854	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	203825	159.905	ug/l	93
28) Bromochloromethane	5.00	49	112401	145.785	ug/l	82
29) Tetrahydrofuran	5.11	42	199661	946.253	ug/l	99
30) Chloroform	5.20	83	335649	163.004	ug/l	98
31) Cyclohexane	5.56	56	253280	162.058	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	301236	157.241	ug/l	97
36) 1,1-Dichloropropene	5.79	75	247312	122.470	ug/l	96
37) Ethyl Acetate	4.82	43	141592	140.068	ug/l	100
38) Carbon Tetrachloride	5.77	117	261560	106.517	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012022.D
 Acq On : 03 Sep 2019 14:34
 Operator : SY/SP
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

sam
 9/4/2019 4:46:24 PM

Quant Time: Sep 03 14:57:30 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	279520	113.997	ug/l	95
40) Benzene	6.13	78	705925	121.038	ug/l	99
41) Methacrylonitrile	5.03	41	84043	137.952	ug/l	98
42) 1,2-Dichloroethane	6.18	62	255577	129.357	ug/l	97
43) Isopropyl Acetate	6.43	43	284511	136.161	ug/l	99
44) Trichloroethene	7.20	130	188494	97.309	ug/l	84
45) 1,2-Dichloropropane	7.51	63	178986	121.959	ug/l	99
46) Dibromomethane	7.65	93	106289	120.824	ug/l #	74
47) Bromodichloromethane	7.89	83	267712	120.552	ug/l	99
48) Methyl methacrylate	7.76	41	142514	138.317	ug/l	98
49) 1,4-Dioxane	7.73	88	38474	2661.637	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	703881	670.274	ug/l	99
52) Toluene	8.78	92	455265	115.209	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	280263	124.674	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	312206	123.388	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	148720	115.804	ug/l	98
56) Ethyl methacrylate	9.17	69	221049	129.611	ug/l	97
57) 1,3-Dichloropropane	9.37	76	259636	123.102	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	455447	587.658	ug/l	93
59) 2-Hexanone	9.49	43	515922	690.128	ug/l	99
60) Dibromochloromethane	9.57	129	182626	102.297	ug/l	99
61) 1,2-Dibromoethane	9.67	107	147782	115.531	ug/l	97
64) Tetrachloroethene	9.33	164	152362	77.235	ug/l #	86
65) Chlorobenzene	10.14	112	482821	106.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	181940	100.199	ug/l	97
67) Ethyl Benzene	10.25	91	881751	115.348	ug/l	96
68) m/p-Xylenes	10.35	106	640744	213.461	ug/l	92
69) o-Xylene	10.70	106	310227	106.542	ug/l	90
70) Styrene	10.71	104	549625	110.015	ug/l	95
71) Bromoform	10.85	173	103528	82.174	ug/l #	97
73) Isopropylbenzene	11.01	105	848920	135.796	ug/l	97
74) N-amyl acetate	10.89	43	266262	170.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	183772	160.574	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	139080m	156.839	ug/l	
77) Bromobenzene	11.25	156	192769	105.463	ug/l	69
78) n-propylbenzene	11.35	91	1041702	148.078	ug/l	95
79) 2-Chlorotoluene	11.42	91	624097	149.852	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	737430	136.746	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	62755	166.945	ug/l	97
82) 4-Chlorotoluene	11.51	91	724529	144.981	ug/l	91
83) tert-Butylbenzene	11.77	119	695214	124.722	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	752491	137.690	ug/l	94
85) sec-Butylbenzene	11.94	105	859162	134.187	ug/l	94
86) p-Isopropyltoluene	12.06	119	781606	124.682	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	373779	109.038	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	365561	107.333	ug/l	95
89) n-Butylbenzene	12.39	91	763242	140.586	ug/l	96
90) Hexachloroethane	12.59	117	159191	135.260	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	332641	107.486	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38831	172.807	ug/l	67

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012022.D
Acq On : 03 Sep 2019 14:34
Operator : SY/SP
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA X/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

sam
9/4/2019 4:46:24 PM

Quant Time: Sep 03 14:57:30 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	229127	85.091	ug/l	96
94) Hexachlorobutadiene	13.78	225	117699	62.562	ug/l	99
95) Naphthalene	13.83	128	528628	127.676	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	202127	85.370	ug/l	94

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

