

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012598.D
 Acq On : 23 Sep 2019 11:42
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:07:19 AM

Quant Time: Sep 23 12:15:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	195535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	349195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150904	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	283873	100.14	ug/l	0.00
Spiked Amount			Recovery	=	200.28%	
35) Dibromofluoromethane	5.48	113	214777	101.28	ug/l	0.00
Spiked Amount			Recovery	=	202.56%	
50) Toluene-d8	8.71	98	806951	102.24	ug/l	0.00
Spiked Amount			Recovery	=	204.48%	
62) 4-Bromofluorobenzene	11.14	95	330882	102.04	ug/l	0.00
Spiked Amount			Recovery	=	204.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	212813	163.802	ug/l	99
3) Chloromethane	1.32	50	237887	185.343	ug/l	98
4) Vinyl Chloride	1.40	62	254246	187.574	ug/l	97
5) Bromomethane	1.62	94	93481	172.100	ug/l	100
6) Chloroethane	1.70	64	150614	144.446	ug/l	99
7) Trichlorofluoromethane	1.91	101	345319	150.089	ug/l	100
8) Diethyl Ether	2.18	74	141311	138.136	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	209892	129.671	ug/l	100
10) Methyl Iodide	2.50	142	240604	180.472	ug/l	99
11) Tert butyl alcohol	3.05	59	369626	495.152	ug/l	99
12) 1,1-Dichloroethene	2.36	96	214956	157.859	ug/l	96
13) Acrolein	2.28	56	208483	691.609	ug/l	99
14) Allyl chloride	2.72	41	432283	142.516	ug/l	98
15) Acrylonitrile	3.14	53	739634	596.676	ug/l	99
16) Acetone	2.44	43	739132	513.271	ug/l	100
17) Carbon Disulfide	2.56	76	604304	278.163	ug/l	99
18) Methyl Acetate	2.76	43	348786	117.131	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	800100	116.875	ug/l	100
20) Methylene Chloride	2.84	84	247506	136.681	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	234606	164.590	ug/l	97
22) Diisopropyl ether	3.85	45	800373	116.853	ug/l	90
23) Vinyl Acetate	3.81	43	3648686	640.802	ug/l	99
24) 1,1-Dichloroethane	3.69	63	439714	131.074	ug/l	99
25) 2-Butanone	4.66	43	1093303	555.501	ug/l	97
26) 2,2-Dichloropropane	4.57	77	388432	119.910	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	269449	133.755	ug/l	100
28) Bromochloromethane	5.01	49	150158	91.172	ug/l	99
29) Tetrahydrofuran	5.12	42	681678	619.344	ug/l	100
30) Chloroform	5.20	83	440467	116.858	ug/l	98
31) Cyclohexane	5.57	56	393059	171.927	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	399160	125.326	ug/l	100
36) 1,1-Dichloropropene	5.79	75	334516	147.377	ug/l	99
37) Ethyl Acetate	4.83	43	401736	121.959	ug/l	99
38) Carbon Tetrachloride	5.78	117	347093	127.389	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012598.D
 Acq On : 23 Sep 2019 11:42
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:07:19 AM

Quant Time: Sep 23 12:15:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	398643	172.430	ug/l	98
40) Benzene	6.14	78	978590	137.099	ug/l	99
41) Methacrylonitrile	5.03	41	223912	107.083	ug/l	100
42) 1,2-Dichloroethane	6.18	62	371954	116.540	ug/l	100
43) Isopropyl Acetate	6.43	43	663506	113.281	ug/l	100
44) Trichloroethene	7.21	130	250354	134.928	ug/l	99
45) 1,2-Dichloropropane	7.51	63	254089	119.875	ug/l	98
46) Dibromomethane	7.65	93	172364	124.798	ug/l	99
47) Bromodichloromethane	7.89	83	358007	118.740	ug/l	99
48) Methyl methacrylate	7.76	41	325320	117.106	ug/l	97
49) 1,4-Dioxane	7.73	88	151962	2254.921	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2097690	551.004	ug/l	100
52) Toluene	8.78	92	621792	136.056	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	413910	130.745	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	437597	132.251	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	249438	110.791	ug/l	98
56) Ethyl methacrylate	9.17	69	441181	123.906	ug/l	100
57) 1,3-Dichloropropane	9.37	76	429238	118.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	995269	546.370	ug/l	100
59) 2-Hexanone	9.49	43	1659486	558.090	ug/l	99
60) Dibromochloromethane	9.58	129	272351	119.498	ug/l	99
61) 1,2-Dibromoethane	9.67	107	264745	126.562	ug/l	99
64) Tetrachloroethene	9.33	164	211527	136.369	ug/l	99
65) Chlorobenzene	10.14	112	658636	121.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	246723	113.010	ug/l	99
67) Ethyl Benzene	10.25	91	1212269	129.395	ug/l	97
68) m/p-Xylenes	10.35	106	902135	262.970	ug/l	100
69) o-Xylene	10.70	106	438921	126.132	ug/l	99
70) Styrene	10.71	104	785669	128.488	ug/l	99
71) Bromoform	10.85	173	195514	121.408	ug/l #	98
73) Isopropylbenzene	11.01	105	1178959	120.950	ug/l	100
74) N-amyl acetate	10.89	43	609467	118.479	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	402542	108.254	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	394090m	112.874	ug/l	
77) Bromobenzene	11.25	156	273388	116.542	ug/l	99
78) n-propylbenzene	11.35	91	1371151	126.186	ug/l	98
79) 2-Chlorotoluene	11.42	91	833016	118.321	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1017700	122.839	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	153313	128.999	ug/l	97
82) 4-Chlorotoluene	11.51	91	978532	121.232	ug/l	100
83) tert-Butylbenzene	11.77	119	978599	112.272	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1050728	123.738	ug/l	97
85) sec-Butylbenzene	11.94	105	1148263	118.450	ug/l	100
86) p-Isopropyltoluene	12.06	119	1066589	119.980	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	504793	115.018	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	507235	112.761	ug/l	99
89) n-Butylbenzene	12.39	91	946723	119.633	ug/l	98
90) Hexachloroethane	12.59	117	198326	122.987	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	491719	108.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	101984	106.211	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092319\
Data File : VX012598.D
Acq On : 23 Sep 2019 11:42
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
9/24/2019 10:07:19 AM

Quant Time: Sep 23 12:15:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 11:56:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	310627	107.585	ug/l	99
94) Hexachlorobutadiene	13.78	225	130212	96.442	ug/l	99
95) Naphthalene	13.83	128	1153270	111.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	306672	104.135	ug/l	100

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

