

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012886.D
 Acq On : 08 Oct 2019 12:37
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:50 AM

Quant Time: Oct 09 01:36:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137542	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	237800	89.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.42%	
35) Dibromofluoromethane	5.49	113	189328	101.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.62%	
50) Toluene-d8	8.71	98	735392	102.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.80%	
62) 4-Bromofluorobenzene	11.14	95	294537	104.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	198960	94.957	ug/l	99
3) Chloromethane	1.31	50	206208	87.155	ug/l	98
4) Vinyl Chloride	1.40	62	220385	93.362	ug/l	100
5) Bromomethane	1.62	94	84949	90.804	ug/l	99
6) Chloroethane	1.70	64	129699	82.156	ug/l	99
7) Trichlorofluoromethane	1.91	101	300282	90.779	ug/l	98
8) Diethyl Ether	2.18	74	117498	87.048	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	191191	94.374	ug/l	99
10) Methyl Iodide	2.50	142	228835	118.877	ug/l	99
11) Tert butyl alcohol	3.05	59	309251	467.120	ug/l	99
12) 1,1-Dichloroethene	2.36	96	193351	97.509	ug/l	97
13) Acrolein	2.28	56	224067	613.803	ug/l	98
14) Allyl chloride	2.72	41	355523	91.383	ug/l	98
15) Acrylonitrile	3.14	53	615713	457.143	ug/l	99
16) Acetone	2.44	43	602011	428.709	ug/l	99
17) Carbon Disulfide	2.55	76	544739	97.818	ug/l	100
18) Methyl Acetate	2.76	43	292466	88.139	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	683998	91.891	ug/l	99
20) Methylene Chloride	2.84	84	219861	91.385	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	206710	94.236	ug/l	97
22) Diisopropyl ether	3.84	45	662694	88.105	ug/l	95
23) Vinyl Acetate	3.80	43	2963241	450.725	ug/l	100
24) 1,1-Dichloroethane	3.69	63	373395	91.127	ug/l	99
25) 2-Butanone	4.66	43	882968	439.451	ug/l	98
26) 2,2-Dichloropropane	4.57	77	320439	88.373	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	237903	93.506	ug/l	99
28) Bromochloromethane	5.00	49	105781	72.777	ug/l	98
29) Tetrahydrofuran	5.12	42	550128	448.489	ug/l	100
30) Chloroform	5.20	83	374679	89.160	ug/l	100
31) Cyclohexane	5.57	56	342369	92.067	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	336621	90.862	ug/l	99
36) 1,1-Dichloropropene	5.79	75	286503	95.254	ug/l	99
37) Ethyl Acetate	4.82	43	324814	93.537	ug/l	100
38) Carbon Tetrachloride	5.78	117	291724	96.363	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012886.D
 Acq On : 08 Oct 2019 12:37
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:50 AM

Quant Time: Oct 09 01:36:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	354317	97.467	ug/l	97
40) Benzene	6.14	78	852087	96.541	ug/l	98
41) Methacrylonitrile	5.03	41	181334	93.440	ug/l	98
42) 1,2-Dichloroethane	6.18	62	304377	91.616	ug/l	99
43) Isopropyl Acetate	6.43	43	534961	92.321	ug/l	99
44) Trichloroethene	7.21	130	224969	99.003	ug/l	96
45) 1,2-Dichloropropane	7.51	63	217605	96.310	ug/l	100
46) Dibromomethane	7.65	93	146161	95.148	ug/l	99
47) Bromodichloromethane	7.89	83	296330	97.001	ug/l	99
48) Methyl methacrylate	7.76	41	261060	94.059	ug/l	99
49) 1,4-Dioxane	7.73	88	130169	2040.716	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1673869	467.917	ug/l	99
52) Toluene	8.78	92	546368	98.542	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	342487	101.229	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	367176	99.255	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	214499	97.327	ug/l	99
56) Ethyl methacrylate	9.17	69	372669	100.925	ug/l	99
57) 1,3-Dichloropropane	9.37	76	372623	96.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	813392	493.912	ug/l	100
59) 2-Hexanone	9.49	43	1303549	477.042	ug/l	99
60) Dibromochloromethane	9.58	129	235082	105.272	ug/l	99
61) 1,2-Dibromoethane	9.67	107	232868	101.517	ug/l	99
64) Tetrachloroethene	9.33	164	194655	97.927	ug/l	96
65) Chlorobenzene	10.14	112	576015	97.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	216527	100.709	ug/l	99
67) Ethyl Benzene	10.25	91	1056331	98.158	ug/l	97
68) m/p-Xylenes	10.35	106	791182	196.424	ug/l	99
69) o-Xylene	10.70	106	386424	98.999	ug/l	99
70) Styrene	10.71	104	682151	104.150	ug/l	100
71) Bromoform	10.85	173	171087	113.601	ug/l	99
73) Isopropylbenzene	11.01	105	1023233	91.280	ug/l	99
74) N-amyl acetate	10.89	43	480893	91.421	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	340632	92.289	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	325859m	92.612	ug/l	
77) Bromobenzene	11.25	156	243792	95.745	ug/l	98
78) n-propylbenzene	11.35	91	1180816	94.056	ug/l	99
79) 2-Chlorotoluene	11.42	91	700550	89.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	874915	93.134	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124651	99.777	ug/l	95
82) 4-Chlorotoluene	11.51	91	834804	93.231	ug/l	98
83) tert-Butylbenzene	11.77	119	846617	93.043	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	888444	93.559	ug/l	97
85) sec-Butylbenzene	11.94	105	999454	94.499	ug/l	100
86) p-Isopropyltoluene	12.06	119	944779	99.084	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	451062	98.073	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	447512	96.662	ug/l	99
89) n-Butylbenzene	12.38	91	800224	95.646	ug/l	99
90) Hexachloroethane	12.59	117	167280	98.983	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	439059	95.772	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	83962	91.693	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
Data File : VX012886.D
Acq On : 08 Oct 2019 12:37
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:36:50 AM

Quant Time: Oct 09 01:36:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:14:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	276309	98.137	ug/l	98
94) Hexachlorobutadiene	13.78	225	126298	103.343	ug/l	97
95) Naphthalene	13.83	128	964792	95.670	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	273282	97.102	ug/l	99

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

