

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012600.D
 Acq On : 23 Sep 2019 12:55
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX092319

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:06:10 AM

Quant Time: Sep 24 01:58:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	205155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	353147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	149118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	142726	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	5.48	113	106409	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.71	98	406267	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.13	95	163361	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	110075	47.694	ug/l	98
3) Chloromethane	1.31	50	123003	46.413	ug/l	97
4) Vinyl Chloride	1.40	62	125811	47.761	ug/l	96
5) Bromomethane	1.62	94	54157	52.291	ug/l	99
6) Chloroethane	1.71	64	80116	45.115	ug/l	96
7) Trichlorofluoromethane	1.92	101	179732	48.597	ug/l	99
8) Diethyl Ether	2.17	74	72820	48.046	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	111719	49.595	ug/l	96
10) Methyl Iodide	2.50	142	97595	42.004	ug/l	96
11) Tert butyl alcohol	3.03	59	165138	221.280	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106507	48.286	ug/l	99
13) Acrolein	2.28	56	85068	206.482	ug/l	99
14) Allyl chloride	2.72	41	215254	49.186	ug/l	98
15) Acrylonitrile	3.13	53	349796	231.032	ug/l	98
16) Acetone	2.43	43	381117	240.848	ug/l	98
17) Carbon Disulfide	2.56	76	311108	50.310	ug/l	100
18) Methyl Acetate	2.76	43	166345	44.644	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	403846	48.370	ug/l	98
20) Methylene Chloride	2.84	84	124415	46.486	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	119799	49.024	ug/l	97
22) Diisopropyl ether	3.84	45	405616	47.967	ug/l	96
23) Vinyl Acetate	3.80	43	1818438	245.217	ug/l	97
24) 1,1-Dichloroethane	3.68	63	222981	48.511	ug/l	98
25) 2-Butanone	4.65	43	524734	231.270	ug/l	95
26) 2,2-Dichloropropane	4.57	77	204148	49.937	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	136704	48.212	ug/l	96
28) Bromochloromethane	5.00	49	86456	51.801	ug/l	98
29) Tetrahydrofuran	5.11	42	318808	230.533	ug/l	98
30) Chloroform	5.20	83	225090	47.864	ug/l	97
31) Cyclohexane	5.56	56	209139	50.294	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	200927	48.209	ug/l	100
36) 1,1-Dichloropropene	5.79	75	170094	49.970	ug/l	98
37) Ethyl Acetate	4.81	43	193835	48.708	ug/l	99
38) Carbon Tetrachloride	5.77	117	175042	50.622	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012600.D
 Acq On : 23 Sep 2019 12:55
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:06:10 AM

Quant Time: Sep 24 01:58:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	212895	51.952	ug/l	99
40) Benzene	6.13	78	496040	49.528	ug/l	98
41) Methacrylonitrile	5.02	41	107577	48.180	ug/l	95
42) 1,2-Dichloroethane	6.18	62	188135	49.467	ug/l	99
43) Isopropyl Acetate	6.43	43	321928	48.373	ug/l	98
44) Trichloroethene	7.20	130	127261	49.704	ug/l	93
45) 1,2-Dichloropropane	7.50	63	127868	49.867	ug/l	98
46) Dibromomethane	7.65	93	86326	49.447	ug/l	95
47) Bromodichloromethane	7.89	83	177051	50.742	ug/l	100
48) Methyl methacrylate	7.76	41	154426	48.393	ug/l	94
49) 1,4-Dioxane	7.73	88	68727	949.536	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	972991	236.848	ug/l	97
52) Toluene	8.78	92	317072	50.371	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	204078	52.862	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	216635	51.395	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	124641	49.804	ug/l	98
56) Ethyl methacrylate	9.17	69	209685	49.873	ug/l	94
57) 1,3-Dichloropropane	9.37	76	214487	48.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	415284	220.048	ug/l	98
59) 2-Hexanone	9.48	43	756969	240.729	ug/l	95
60) Dibromochloromethane	9.57	129	131468	51.894	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131641	50.543	ug/l	99
64) Tetrachloroethene	9.33	164	106717	48.359	ug/l	97
65) Chlorobenzene	10.14	112	327971	49.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	120480	49.890	ug/l	98
67) Ethyl Benzene	10.25	91	610759	50.523	ug/l	99
68) m/p-Xylenes	10.36	106	461611	101.936	ug/l	100
69) o-Xylene	10.70	106	220282	50.272	ug/l	98
70) Styrene	10.71	104	380187	51.756	ug/l	99
71) Bromoform	10.85	173	87933	52.294	ug/l #	97
73) Isopropylbenzene	11.01	105	598129	49.248	ug/l	100
74) N-amyl acetate	10.89	43	284221	49.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	192385	47.830	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	184710m	46.827	ug/l	
77) Bromobenzene	11.25	156	130746	47.565	ug/l	95
78) n-propylbenzene	11.35	91	696896	50.968	ug/l	99
79) 2-Chlorotoluene	11.42	91	409223	47.976	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	504834	49.568	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68296	49.618	ug/l	96
82) 4-Chlorotoluene	11.51	91	478096	49.169	ug/l	98
83) tert-Butylbenzene	11.76	119	489059	49.779	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	517614	50.380	ug/l	98
85) sec-Butylbenzene	11.94	105	581704	50.906	ug/l	100
86) p-Isopropyltoluene	12.06	119	540101	52.382	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	249574	50.452	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	251784	50.370	ug/l	99
89) n-Butylbenzene	12.39	91	482687	53.126	ug/l	98
90) Hexachloroethane	12.59	117	94671	51.501	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	243554	49.179	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49348	49.045	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
Data File : VX012600.D
Acq On : 23 Sep 2019 12:55
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Manual Integrations
APPROVED

MMDadoda
9/24/2019 10:06:10 AM

Quant Time: Sep 24 01:58:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	160174	53.033	ug/l	99
94) Hexachlorobutadiene	13.78	225	69690	53.636	ug/l	96
95) Naphthalene	13.83	128	577011	52.804	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159326	52.662	ug/l	99

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

