

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013190.D
 Acq On : 23 Oct 2019 15:08
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:32:58 PM

Quant Time: Oct 24 03:52:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 15:31:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	83606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	124376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	126741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	263755	146.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.00%	
35) Dibromofluoromethane	5.49	113	214130	147.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.18%	
50) Toluene-d8	8.71	98	785959	148.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.58%	
62) 4-Bromofluorobenzene	11.14	95	319941	146.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	240149	139.700	ug/l	100
3) Chloromethane	1.31	50	214229	143.187	ug/l	100
4) Vinyl Chloride	1.40	62	225377	145.680	ug/l	99
5) Bromomethane	1.62	94	114205	138.118	ug/l	100
6) Chloroethane	1.70	64	117473	111.860	ug/l	96
7) Trichlorofluoromethane	1.91	101	360410	143.143	ug/l	100
8) Diethyl Ether	2.18	74	122028	141.210	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	214865	141.178	ug/l	99
10) Methyl Iodide	2.50	142	293198	160.046	ug/l	99
11) Tert butyl alcohol	3.06	59	285325	647.137	ug/l	99
12) 1,1-Dichloroethene	2.36	96	212105	146.662	ug/l	98
13) Acrolein	2.28	56	169643	669.936	ug/l	98
14) Allyl chloride	2.71	41	334752	148.228	ug/l	99
15) Acrylonitrile	3.14	53	575308	718.026	ug/l	100
16) Acetone	2.44	43	594120	708.447	ug/l	100
17) Carbon Disulfide	2.55	76	573119	148.107	ug/l	100
18) Methyl Acetate	2.76	43	275193	143.960	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	738615	147.401	ug/l	98
20) Methylene Chloride	2.84	84	232099	132.224	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	223361	140.576	ug/l	97
22) Diisopropyl ether	3.85	45	637905	144.916	ug/l	91
23) Vinyl Acetate	3.81	43	2854035	745.050	ug/l	100
24) 1,1-Dichloroethane	3.69	63	394383	146.235	ug/l	99
25) 2-Butanone	4.67	43	829491	725.202	ug/l	99
26) 2,2-Dichloropropane	4.57	77	375153	154.399	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	257613	145.014	ug/l	98
28) Bromochloromethane	5.01	49	106177	147.262	ug/l	100
29) Tetrahydrofuran	5.12	42	490067	714.138	ug/l	99
30) Chloroform	5.20	83	417675	143.306	ug/l	100
31) Cyclohexane	5.57	56	341889	146.151	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	393165	150.370	ug/l	100
36) 1,1-Dichloropropene	5.79	75	313445	140.646	ug/l	99
37) Ethyl Acetate	4.83	43	304917	138.476	ug/l	99
38) Carbon Tetrachloride	5.77	117	344622	151.605	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013190.D
 Acq On : 23 Oct 2019 15:08
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:32:58 PM

Quant Time: Oct 24 03:52:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 15:31:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	383749	145.213	ug/l	96
40) Benzene	6.14	78	897257	141.585	ug/l	98
41) Methacrylonitrile	5.03	41	170582	146.240	ug/l	97
42) 1,2-Dichloroethane	6.18	62	342168	143.708	ug/l	99
43) Isopropyl Acetate	6.43	43	524798	149.383	ug/l	100
44) Trichloroethene	7.20	130	254107	141.539	ug/l	98
45) 1,2-Dichloropropane	7.51	63	224168	142.521	ug/l	100
46) Dibromomethane	7.65	93	162497	146.375	ug/l	100
47) Bromodichloromethane	7.89	83	339327	155.125	ug/l	100
48) Methyl methacrylate	7.76	41	259862	152.527	ug/l	98
49) 1,4-Dioxane	7.73	88	120974	2607.087	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1569400	728.945	ug/l	100
52) Toluene	8.78	92	589585	144.190	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	390594	166.745	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	407844	157.838	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	239562	144.903	ug/l	99
56) Ethyl methacrylate	9.17	69	400343	158.206	ug/l	100
57) 1,3-Dichloropropane	9.37	76	398991	145.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	793278	798.743	ug/l	99
59) 2-Hexanone	9.49	43	1193461	706.693	ug/l	98
60) Dibromochloromethane	9.58	129	277293	163.424	ug/l	100
61) 1,2-Dibromoethane	9.67	107	259037	146.575	ug/l	99
64) Tetrachloroethene	9.33	164	225524	131.019	ug/l	95
65) Chlorobenzene	10.14	112	654905	147.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	252076	155.428	ug/l	98
67) Ethyl Benzene	10.25	91	1176209	148.612	ug/l	99
68) m/p-Xylenes	10.35	106	871448	291.304	ug/l	98
69) o-Xylene	10.70	106	428312	146.965	ug/l	99
70) Styrene	10.71	104	755854	154.144	ug/l	100
71) Bromoform	10.85	173	208538	178.005	ug/l #	99
73) Isopropylbenzene	11.01	105	1168757	145.887	ug/l	99
74) N-amyl acetate	10.89	43	462963	154.661	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	359896	145.067	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	341589m	165.022	ug/l	
77) Bromobenzene	11.25	156	279451	147.450	ug/l	98
78) n-propylbenzene	11.35	91	1308556	152.438	ug/l	99
79) 2-Chlorotoluene	11.42	91	812520	147.095	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	999757	149.141	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	132857	164.129	ug/l	99
82) 4-Chlorotoluene	11.51	91	950820	151.005	ug/l	98
83) tert-Butylbenzene	11.77	119	986149	150.618	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1029616	149.872	ug/l	99
85) sec-Butylbenzene	11.94	105	1139501	151.231	ug/l	99
86) p-Isopropyltoluene	12.06	119	1037879	146.538	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	522073	147.657	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	511317	142.423	ug/l	99
89) n-Butylbenzene	12.38	91	922324	157.514	ug/l	100
90) Hexachloroethane	12.59	117	198265	164.479	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	495209	144.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92751	154.756	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
Data File : VX013190.D
Acq On : 23 Oct 2019 15:08
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
10/25/2019 4:32:58 PM

Quant Time: Oct 24 03:52:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 15:31:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	321748	147.448	ug/l	95
94) Hexachlorobutadiene	13.78	225	158016	142.823	ug/l	99
95) Naphthalene	13.83	128	1056842	154.936	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	327486	149.432	ug/l	98

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

