

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103119\
 Data File : VX013297.D
 Acq On : 31 Oct 2019 18:15
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:41:18 PM

Quant Time: Nov 02 05:53:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	687523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1072083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	985335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	546736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	1229472	163.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.20%	
35) Dibromofluoromethane	5.49	113	999807	147.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.34%	
50) Toluene-d8	8.71	98	3769465	147.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.24%	
62) 4-Bromofluorobenzene	11.14	95	1440446	154.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	1249911	189.950	ug/l	98
3) Chloromethane	1.31	50	1318107	195.340	ug/l	98
4) Vinyl Chloride	1.40	62	1502150	212.693	ug/l	100
5) Bromomethane	1.62	94	1086242	252.006	ug/l	99
6) Chloroethane	1.69	64	826537	187.257	ug/l	98
7) Trichlorofluoromethane	1.91	101	1715841	156.154	ug/l	99
8) Diethyl Ether	2.18	74	757447	188.884	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	972851	154.980	ug/l	100
10) Methyl Iodide	2.49	142	1324626	163.147	ug/l	99
11) Tert butyl alcohol	3.06	59	1568321	877.832	ug/l	100
12) 1,1-Dichloroethene	2.36	96	988675	160.240	ug/l	100
13) Acrolein	2.28	56	888096	858.625	ug/l	98
14) Allyl chloride	2.71	41	1779286	190.087	ug/l	98
15) Acrylonitrile	3.14	53	3199252	892.171	ug/l	100
16) Acetone	2.44	43	2985213	863.394	ug/l	100
17) Carbon Disulfide	2.55	76	2746603	172.277	ug/l	99
18) Methyl Acetate	2.76	43	1779148	213.785	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	3308526	163.805	ug/l	98
20) Methylene Chloride	2.84	84	1096677	154.579	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	1062674	161.438	ug/l	96
22) Diisopropyl ether	3.84	45	3462280	176.760	ug/l	100
23) Vinyl Acetate	3.80	43	14733231	893.005	ug/l	98
24) 1,1-Dichloroethane	3.68	63	1901091	169.251	ug/l	99
25) 2-Butanone	4.67	43	4687098	937.442	ug/l	99
26) 2,2-Dichloropropane	4.57	77	1530853	167.367	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	1200706	157.170	ug/l	99
28) Bromochloromethane	5.00	49	525509	106.846	ug/l	98
29) Tetrahydrofuran	5.12	42	2970809	936.870	ug/l	100
30) Chloroform	5.20	83	1878352	156.758	ug/l	97
31) Cyclohexane	5.56	56	1704276	166.740	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	1654515	160.741	ug/l	99
36) 1,1-Dichloropropene	5.79	75	1439217	160.601	ug/l	100
37) Ethyl Acetate	4.83	43	1773947	187.652	ug/l	99
38) Carbon Tetrachloride	5.77	117	1451718	157.525	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103119\
 Data File : VX013297.D
 Acq On : 31 Oct 2019 18:15
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:41:18 PM

Quant Time: Nov 02 05:53:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	1759207	153.442	ug/l	98
40) Benzene	6.13	78	4261451	155.670	ug/l	100
41) Methacrylonitrile	5.03	41	994390	183.689	ug/l	98
42) 1,2-Dichloroethane	6.18	62	1553136	160.430	ug/l	99
43) Isopropyl Acetate	6.43	43	2848136	183.741	ug/l	100
44) Trichloroethene	7.20	130	1184534	148.139	ug/l	98
45) 1,2-Dichloropropane	7.51	63	1098767	157.082	ug/l	100
46) Dibromomethane	7.65	93	749658	151.685	ug/l	98
47) Bromodichloromethane	7.89	83	1519792	170.564	ug/l	97
48) Methyl methacrylate	7.76	41	1451199	189.945	ug/l	99
49) 1,4-Dioxane	7.74	88	635208	3109.766	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	9144827	909.746	ug/l	98
52) Toluene	8.78	92	2713223	152.077	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	1742770	181.293	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	1863970	174.974	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	1117170	151.696	ug/l	99
56) Ethyl methacrylate	9.17	69	1936603	178.187	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1877600	158.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	4082594	794.661	ug/l	99
59) 2-Hexanone	9.49	43	7272028	934.733	ug/l	98
60) Dibromochloromethane	9.58	129	1255550	168.996	ug/l	99
61) 1,2-Dibromoethane	9.67	107	1213197	155.587	ug/l	100
64) Tetrachloroethene	9.33	164	1026850	133.818	ug/l	99
65) Chlorobenzene	10.14	112	2962856	145.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1148150	160.771	ug/l	99
67) Ethyl Benzene	10.25	91	5209274	150.532	ug/l	96
68) m/p-Xylenes	10.35	106	4051193	305.217	ug/l	96
69) o-Xylene	10.70	106	1968373	152.462	ug/l	99
70) Styrene	10.71	104	3488753	161.874	ug/l	99
71) Bromoform	10.85	173	1089245	190.324	ug/l	99
73) Isopropylbenzene	11.01	105	5175675	139.089	ug/l	99
74) N-amyl acetate	10.89	43	2726511	184.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1942759	157.349	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1746494m	174.370	ug/l	
77) Bromobenzene	11.25	156	1415066	138.756	ug/l	98
78) n-propylbenzene	11.35	91	5951351	144.447	ug/l	98
79) 2-Chlorotoluene	11.42	91	3550088	143.642	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	4518982	145.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	707216	187.611	ug/l	96
82) 4-Chlorotoluene	11.51	91	4232400	147.155	ug/l	99
83) tert-Butylbenzene	11.77	119	4601325	149.960	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	4567608	145.961	ug/l	99
85) sec-Butylbenzene	11.94	105	5214293	146.195	ug/l	99
86) p-Isopropyltoluene	12.06	119	4909342	148.758	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	2543604	143.458	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	2584449	142.616	ug/l	100
89) n-Butylbenzene	12.39	91	4517059	159.686	ug/l	99
90) Hexachloroethane	12.59	117	945375	178.337	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	2601278	148.085	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	476398	180.851	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103119\
Data File : VX013297.D
Acq On : 31 Oct 2019 18:15
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
11/4/2019 3:41:18 PM

Quant Time: Nov 02 05:53:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 06:36:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1915816	160.345	ug/l	100
94) Hexachlorobutadiene	13.78	225	905710	153.329	ug/l	99
95) Naphthalene	13.83	128	6017803	167.415	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1880466	157.539	ug/l	100

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

