

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103118\
 Data File : VX005710.D
 Acq On : 31 Oct 2018 15:47
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 9:49:25 AM

Quant Time: Oct 31 16:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 15:57:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	117187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	191573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163945	92.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.76%	
35) Dibromofluoromethane	5.51	113	128191	94.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.52%	
50) Toluene-d8	8.72	98	459845	98.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.94%	
62) 4-Bromofluorobenzene	11.14	95	178039	109.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148926	115.568	ug/l	91
3) Chloromethane	1.32	50	154437	95.850	ug/l	92
4) Vinyl Chloride	1.41	62	162401	96.065	ug/l	99
5) Bromomethane	1.64	94	200933	97.243	ug/l	100
6) Chloroethane	1.70	64	131479	119.236	ug/l	100
7) Trichlorofluoromethane	1.92	101	208942	96.781	ug/l	95
8) Diethyl Ether	2.19	74	86784	87.570	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119618	89.352	ug/l	91
10) Methyl Iodide	2.51	142	133125	125.821	ug/l	99
11) Tert butyl alcohol	3.09	59	222487	475.739	ug/l	100
12) 1,1-Dichloroethene	2.37	96	117119	89.030	ug/l	87
13) Acrolein	2.30	56	169062	601.960	ug/l	98
14) Allyl chloride	2.73	41	250470	93.309	ug/l	96
15) Acrylonitrile	3.15	53	501549	484.151	ug/l	98
16) Acetone	2.45	43	444985	431.895	ug/l	91
17) Carbon Disulfide	2.56	76	359606	89.646	ug/l	100
18) Methyl Acetate	2.78	43	228231	89.234	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	430922	97.742	ug/l	95
20) Methylene Chloride	2.85	84	134844	87.329	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	121777	87.910	ug/l	90
22) Diisopropyl ether	3.87	45	479969	98.908	ug/l	97
23) Vinyl Acetate	3.83	43	2152157	513.539	ug/l	97
24) 1,1-Dichloroethane	3.70	63	255726	89.806	ug/l	99
25) 2-Butanone	4.71	43	712150	486.058	ug/l	96
26) 2,2-Dichloropropane	4.58	77	194912	92.115	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145074	94.488	ug/l	98
28) Bromochloromethane	5.02	49	126311	91.158	ug/l	91
29) Tetrahydrofuran	5.16	42	442899	504.265	ug/l	94
30) Chloroform	5.22	83	249763	90.315	ug/l	97
31) Cyclohexane	5.57	56	234624	103.520	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	207944	95.681	ug/l	96
36) 1,1-Dichloropropene	5.79	75	194835	93.962	ug/l	98
37) Ethyl Acetate	4.87	43	255198	97.805	ug/l	100
38) Carbon Tetrachloride	5.78	117	179419	96.569	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
 Data File : VX005710.D
 Acq On : 31 Oct 2018 15:47
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 9:49:25 AM

Quant Time: Oct 31 16:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 15:57:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	216351	103.494	ug/l	96
40) Benzene	6.14	78	588305	95.715	ug/l	97
41) Methacrylonitrile	5.06	41	136750	97.169	ug/l	97
42) 1,2-Dichloroethane	6.20	62	209757	90.932	ug/l	98
43) Isopropyl Acetate	6.47	43	385262	104.784	ug/l	98
44) Trichloroethene	7.21	130	130076	90.213	ug/l	98
45) 1,2-Dichloropropane	7.52	63	147856	93.433	ug/l	100
46) Dibromomethane	7.66	93	91634	89.940	ug/l	90
47) Bromodichloromethane	7.90	83	179526	95.922	ug/l	98
48) Methyl methacrylate	7.78	41	190937	108.615	ug/l	97
49) 1,4-Dioxane	7.76	88	85058	2154.512	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1345303	550.680	ug/l	98
52) Toluene	8.79	92	323008	98.459	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	213386	110.593	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	224215	106.812	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136758	94.851	ug/l	97
56) Ethyl methacrylate	9.18	69	236377	118.169	ug/l	97
57) 1,3-Dichloropropane	9.37	76	237492	96.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	666988	589.523	ug/l	94
59) 2-Hexanone	9.50	43	1085203	542.342	ug/l	96
60) Dibromochloromethane	9.59	129	137318	101.412	ug/l	100
61) 1,2-Dibromoethane	9.68	107	140577	96.315	ug/l	98
64) Tetrachloroethene	9.34	164	116300	87.452	ug/l	96
65) Chlorobenzene	10.14	112	354078	94.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	125905	99.597	ug/l	98
67) Ethyl Benzene	10.25	91	648964	104.443	ug/l	97
68) m/p-Xylenes	10.36	106	486017	212.016	ug/l	95
69) o-Xylene	10.70	106	237235	109.395	ug/l	97
70) Styrene	10.71	104	409096	116.504	ug/l	98
71) Bromoform	10.86	173	110958	115.766	ug/l #	99
73) Isopropylbenzene	11.02	105	644564	101.526	ug/l	99
74) N-amyl acetate	10.90	43	361500	112.577	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	253220	95.513	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	230575m	94.552	ug/l	
77) Bromobenzene	11.26	156	153266	96.082	ug/l	86
78) n-propylbenzene	11.36	91	791363	103.308	ug/l	96
79) 2-Chlorotoluene	11.42	91	456491	98.477	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	564838	107.497	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	79266	112.824	ug/l	94
82) 4-Chlorotoluene	11.51	91	554398	101.413	ug/l	96
83) tert-Butylbenzene	11.77	119	536250	107.088	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	575720	108.974	ug/l	98
85) sec-Butylbenzene	11.95	105	680513	104.668	ug/l	97
86) p-Isopropyltoluene	12.07	119	586918	107.371	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	295008	95.869	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	300831	88.896	ug/l	97
89) n-Butylbenzene	12.39	91	589589	107.679	ug/l	98
90) Hexachloroethane	12.60	117	102435	105.993	ug/l	82
91) 1,2-Dichlorobenzene	12.40	146	302033	93.700	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61940	101.847	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
Data File : VX005710.D
Acq On : 31 Oct 2018 15:47
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
11/1/2018 9:49:25 AM

Quant Time: Oct 31 16:08:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 15:57:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	210548	105.723	ug/l	99
94) Hexachlorobutadiene	13.79	225	93926	93.377	ug/l	99
95) Naphthalene	13.83	128	742713	117.407	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	214075	104.939	ug/l	99

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

