

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005310.D
 Acq On : 12 Oct 2018 23:38
 Operator : JC/MD
 Sample : VX1012WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 1:58:33 PM

Quant Time: Oct 13 05:03:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184341	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140454	49.39	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	5.49	113	115958	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	409976	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.14	95	147083	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41480	20.71	ug/l	98
3) Chloromethane	1.32	50	60394	20.81	ug/l	99
4) Vinyl Chloride	1.40	62	63931	21.74	ug/l	93
5) Bromomethane	1.64	94	33613	20.59	ug/l	92
6) Chloroethane	1.72	64	37612	20.63	ug/l	100
7) Trichlorofluoromethane	1.93	101	85315	21.74	ug/l	91
8) Diethyl Ether	2.19	74	34451	20.56	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45836	20.24	ug/l	93
10) Methyl Iodide	2.51	142	50722	21.90	ug/l	99
11) Tert butyl alcohol	3.07	59	82772	103.19	ug/l	98
12) 1,1-Dichloroethene	2.37	96	47319	21.09	ug/l #	84
13) Acrolein	2.29	56	47668	91.76	ug/l	91
14) Allyl chloride	2.73	41	95246	19.33	ug/l	96
15) Acrylonitrile	3.15	53	171213	94.19	ug/l	95
16) Acetone	2.45	43	158325	96.30	ug/l	94
17) Carbon Disulfide	2.57	76	148465	21.84	ug/l	97
18) Methyl Acetate	2.78	43	97962	20.94	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	164105	20.76	ug/l	96
20) Methylene Chloride	2.85	84	56903	23.05	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50731	20.40	ug/l	94
22) Diisopropyl ether	3.87	45	171632	20.74	ug/l #	86
23) Vinyl Acetate	3.82	43	745588	103.09	ug/l	97
24) 1,1-Dichloroethane	3.70	63	97629	20.59	ug/l	97
25) 2-Butanone	4.70	43	250155	103.99	ug/l #	83
26) 2,2-Dichloropropane	4.59	77	54787	15.45	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	52950	19.59	ug/l	92
28) Bromochloromethane	5.02	49	47133	21.80	ug/l	87
29) Tetrahydrofuran	5.15	42	156623	102.07	ug/l	92
30) Chloroform	5.22	83	91878	20.87	ug/l	92
31) Cyclohexane	5.58	56	80494	20.59	ug/l #	87
32) 1,1,1-Trichloroethane	5.49	97	75937	19.83	ug/l	98
36) 1,1-Dichloropropene	5.80	75	64808	19.16	ug/l	97
37) Ethyl Acetate	4.85	43	87693	20.16	ug/l	98
38) Carbon Tetrachloride	5.78	117	65761	19.35	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005310.D
 Acq On : 12 Oct 2018 23:38
 Operator : JC/MD
 Sample : VX1012WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1012WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 1:58:33 PM

Quant Time: Oct 13 05:03:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66764	18.24	ug/l	95
40) Benzene	6.15	78	196986	19.42	ug/l	99
41) Methacrylonitrile	5.05	41	48898	20.97	ug/l	98
42) 1,2-Dichloroethane	6.20	62	71852	20.06	ug/l	98
43) Isopropyl Acetate	6.47	43	123554	21.32	ug/l	94
44) Trichloroethene	7.21	130	50894	19.26	ug/l	98
45) 1,2-Dichloropropane	7.52	63	49624	19.94	ug/l	98
46) Dibromomethane	7.66	93	31983	19.47	ug/l	99
47) Bromodichloromethane	7.90	83	60221	19.82	ug/l	98
48) Methyl methacrylate	7.77	41	58539	19.48	ug/l	95
49) 1,4-Dioxane	7.75	88	27431	395.76	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	406272	101.27	ug/l	94
52) Toluene	8.79	92	115655	20.84	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	62098	18.89	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	69483	19.50	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	48740	20.73	ug/l	97
56) Ethyl methacrylate	9.18	69	68493	19.98	ug/l	95
57) 1,3-Dichloropropane	9.37	76	79792	20.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	213046	110.84	ug/l	95
59) 2-Hexanone	9.49	43	316538	98.08	ug/l	93
60) Dibromochloromethane	9.59	129	48418	19.92	ug/l	99
61) 1,2-Dibromoethane	9.67	107	49653	20.12	ug/l	99
64) Tetrachloroethene	9.34	164	52855	19.96	ug/l	98
65) Chlorobenzene	10.14	112	129484	18.51	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	47184	18.92	ug/l	99
67) Ethyl Benzene	10.25	91	214677	18.87	ug/l	97
68) m/p-Xylenes	10.36	106	169688	38.44	ug/l	96
69) o-Xylene	10.70	106	80762	18.97	ug/l	97
70) Styrene	10.71	104	135358	19.33	ug/l	97
71) Bromoform	10.86	173	39813	17.87	ug/l #	98
73) Isopropylbenzene	11.02	105	220118	20.09	ug/l	100
74) N-amyl acetate	10.90	43	98405	18.62	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	75981	18.38	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	71265m	19.93	ug/l	
77) Bromobenzene	11.26	156	60767	19.39	ug/l	99
78) n-propylbenzene	11.36	91	249726	19.80	ug/l	100
79) 2-Chlorotoluene	11.42	91	152932	19.80	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	187481	19.98	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	19228	16.34	ug/l	96
82) 4-Chlorotoluene	11.51	91	178910	19.54	ug/l	100
83) tert-Butylbenzene	11.77	119	182586	19.21	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	193895	20.08	ug/l	99
85) sec-Butylbenzene	11.94	105	224044	19.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	199474	19.62	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	112642	19.24	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	113296	18.92	ug/l	98
89) n-Butylbenzene	12.39	91	167631	18.16	ug/l	98
90) Hexachloroethane	12.60	117	31208	17.82	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	113518	19.00	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18295	18.14	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005310.D
Acq On : 12 Oct 2018 23:38
Operator : JC/MD
Sample : VX1012WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS02

Manual Integrations
APPROVED

MMDadoda
10/17/2018 1:58:33 PM

Quant Time: Oct 13 05:03:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82327	18.78	ug/l	99
94) Hexachlorobutadiene	13.79	225	43019	18.58	ug/l	97
95) Naphthalene	13.83	128	248705	19.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	85263	19.01	ug/l	100

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

