

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005300.D
 Acq On : 12 Oct 2018 18:18
 Operator : JC/MD
 Sample : VX1012WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:05:44 AM

Quant Time: Oct 13 04:44:14 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	271604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400317	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194687	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150403	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.50	113	119877	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	8.71	98	440841	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.14	95	159599	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	42371	19.95	ug/l	98
3) Chloromethane	1.32	50	64167	20.85	ug/l	99
4) Vinyl Chloride	1.40	62	61995	19.89	ug/l	89
5) Bromomethane	1.64	94	33112	19.17	ug/l	99
6) Chloroethane	1.71	64	37057	19.15	ug/l	89
7) Trichlorofluoromethane	1.92	101	85807	20.63	ug/l	90
8) Diethyl Ether	2.19	74	34079	19.19	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46426	19.34	ug/l	96
10) Methyl Iodide	2.51	142	48526	20.00	ug/l	98
11) Tert butyl alcohol	3.08	59	95346	112.13	ug/l	100
12) 1,1-Dichloroethene	2.37	96	46751	19.65	ug/l	97
13) Acrolein	2.29	56	52270	94.99	ug/l	98
14) Allyl chloride	2.73	41	101851	19.50	ug/l	96
15) Acrylonitrile	3.15	53	188289	97.72	ug/l	97
16) Acetone	2.45	43	178874	102.63	ug/l #	87
17) Carbon Disulfide	2.56	76	146397	20.32	ug/l #	93
18) Methyl Acetate	2.78	43	101245	20.42	ug/l	91
19) Methyl tert-butyl Ether	3.21	73	171934	20.52	ug/l	95
20) Methylene Chloride	2.86	84	55454	21.08	ug/l	86
21) trans-1,2-Dichloroethene	3.16	96	51305	19.46	ug/l #	79
22) Diisopropyl ether	3.87	45	165820	18.90	ug/l	94
23) Vinyl Acetate	3.83	43	776972	101.34	ug/l #	92
24) 1,1-Dichloroethane	3.68	63	97865	19.47	ug/l	94
25) 2-Butanone	4.71	43	247982	97.25	ug/l	93
26) 2,2-Dichloropropane	4.58	77	62742	16.69	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	53927	18.82	ug/l	94
28) Bromochloromethane	5.02	49	44385	19.37	ug/l	89
29) Tetrahydrofuran	5.16	42	175459	107.87	ug/l	89
30) Chloroform	5.22	83	89667	19.22	ug/l	98
31) Cyclohexane	5.57	56	80327	19.39	ug/l	84
32) 1,1,1-Trichloroethane	5.50	97	81434	20.06	ug/l	99
36) 1,1-Dichloropropene	5.79	75	66884	17.25	ug/l	99
37) Ethyl Acetate	4.85	43	94793	19.01	ug/l	96
38) Carbon Tetrachloride	5.78	117	69801	17.92	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005300.D
 Acq On : 12 Oct 2018 18:18
 Operator : JC/MD
 Sample : VX1012WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1012WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:05:44 AM

Quant Time: Oct 13 04:44:14 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	69569	16.58	ug/l	94
40) Benzene	6.14	78	206562	17.76	ug/l	99
41) Methacrylonitrile	5.06	41	50013	18.71	ug/l	96
42) 1,2-Dichloroethane	6.20	62	77572	18.89	ug/l	95
43) Isopropyl Acetate	6.46	43	128405	19.33	ug/l	96
44) Trichloroethene	7.22	130	61027	20.18	ug/l	83
45) 1,2-Dichloropropane	7.51	63	53776	18.85	ug/l	93
46) Dibromomethane	7.66	93	33793	17.95	ug/l	100
47) Bromodichloromethane	7.90	83	63267	18.17	ug/l	96
48) Methyl methacrylate	7.78	41	63273	18.37	ug/l	96
49) 1,4-Dioxane	7.76	88	30297	381.32	ug/l	90
51) 4-Methyl-2-Pentanone	8.65	43	444836	96.73	ug/l	93
52) Toluene	8.79	92	122439	19.24	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	67544	17.92	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	74850	18.33	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	50538	18.75	ug/l	97
56) Ethyl methacrylate	9.18	69	73189	18.63	ug/l	95
57) 1,3-Dichloropropane	9.37	76	82743	18.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	211268	95.88	ug/l	95
59) 2-Hexanone	9.50	43	352128	95.19	ug/l	93
60) Dibromochloromethane	9.59	129	50775	18.23	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53009	18.74	ug/l	100
64) Tetrachloroethene	9.34	164	54641	19.46	ug/l	98
65) Chlorobenzene	10.14	112	138715	18.70	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	49638	18.77	ug/l	99
67) Ethyl Benzene	10.26	91	228429	18.94	ug/l	98
68) m/p-Xylenes	10.36	106	179110	38.26	ug/l	93
69) o-Xylene	10.70	106	85501	18.94	ug/l	97
70) Styrene	10.71	104	144477	19.46	ug/l	97
71) Bromoform	10.86	173	41602	17.61	ug/l #	98
73) Isopropylbenzene	11.02	105	233926	20.21	ug/l	99
74) N-amyl acetate	10.90	43	106592	19.10	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	83353	19.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	77126m	20.42	ug/l	
77) Bromobenzene	11.26	156	64973	19.63	ug/l	99
78) n-propylbenzene	11.36	91	268489	20.16	ug/l	99
79) 2-Chlorotoluene	11.42	91	161205	19.76	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	201015	20.28	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	21700	17.46	ug/l	98
82) 4-Chlorotoluene	11.51	91	191550	19.81	ug/l	100
83) tert-Butylbenzene	11.77	119	195030	19.43	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	206025	20.20	ug/l	98
85) sec-Butylbenzene	11.94	105	238158	20.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	213378	19.88	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	117856	19.06	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121360	19.18	ug/l	98
89) n-Butylbenzene	12.39	91	182855	18.76	ug/l	97
90) Hexachloroethane	12.60	117	32704	17.68	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	121509	19.26	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20166	18.94	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005300.D
Acq On : 12 Oct 2018 18:18
Operator : JC/MD
Sample : VX1012WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBSD01

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:05:44 AM

Quant Time: Oct 13 04:44:14 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)
93) 1,2,4-Trichlorobenzene	13.65	180	89157	19.26	ug/l	98
94) Hexachlorobutadiene	13.79	225	45992	18.81	ug/l	97
95) Naphthalene	13.83	128	269801	20.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92629	19.55	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005300.D
Acq On : 12 Oct 2018 18:18
Operator : JC/MD
Sample : VX1012WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample ID :
VX1012WBSD01

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:05:44 AM

Quant Time: Oct 13 04:44:14 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

