

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009447.D
 Acq On : 09 May 2019 23:34
 Operator : JC/SP
 Sample : VX0509WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:12:49 PM

Quant Time: May 10 08:26:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110531	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	5.49	113	81985	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.71	98	330835	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.13	95	119121	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28120	19.289	ug/l	99
3) Chloromethane	1.32	50	42708	21.458	ug/l	98
4) Vinyl Chloride	1.41	62	41591	21.430	ug/l	96
5) Bromomethane	1.64	94	24641	21.153	ug/l	100
6) Chloroethane	1.72	64	27210	21.837	ug/l	96
7) Trichlorofluoromethane	1.93	101	51745	21.934	ug/l	97
8) Diethyl Ether	2.18	74	23530	21.056	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30692	20.717	ug/l	100
10) Methyl Iodide	2.51	142	29003	19.895	ug/l	100
11) Tert butyl alcohol	3.04	59	53124	106.272	ug/l	98
12) 1,1-Dichloroethene	2.37	96	32277	21.745	ug/l	98
13) Acrolein	2.29	56	50953	112.550	ug/l	99
14) Allyl chloride	2.73	41	74254	20.527	ug/l	99
15) Acrylonitrile	3.14	53	127037	103.936	ug/l	99
16) Acetone	2.44	43	111278	95.962	ug/l	99
17) Carbon Disulfide	2.57	76	91831	22.036	ug/l	100
18) Methyl Acetate	2.77	43	54807	19.874	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	123182	21.371	ug/l	98
20) Methylene Chloride	2.85	84	38900	20.718	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	35267	21.908	ug/l	94
22) Diisopropyl ether	3.85	45	148382	21.330	ug/l	96
23) Vinyl Acetate	3.81	43	647616	108.715	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71954	20.967	ug/l	100
25) 2-Butanone	4.67	43	187028	103.789	ug/l	100
26) 2,2-Dichloropropane	4.59	77	44030	17.237	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	41322	21.506	ug/l	96
28) Bromochloromethane	5.01	49	28496	18.924	ug/l	99
29) Tetrahydrofuran	5.13	42	125303	108.059	ug/l	99
30) Chloroform	5.21	83	66724	21.497	ug/l	99
31) Cyclohexane	5.58	56	68288	21.388	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	55044	21.304	ug/l	99
36) 1,1-Dichloropropene	5.79	75	50221	21.020	ug/l	98
37) Ethyl Acetate	4.83	43	70619	21.214	ug/l	99
38) Carbon Tetrachloride	5.78	117	45508	20.964	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009447.D
 Acq On : 09 May 2019 23:34
 Operator : JC/SP
 Sample : VX0509WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0509WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:12:49 PM

Quant Time: May 10 08:26:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60356	20.570	ug/l	98
40) Benzene	6.14	78	157997	21.368	ug/l	100
41) Methacrylonitrile	5.04	41	39079	19.721	ug/l	95
42) 1,2-Dichloroethane	6.19	62	57055	21.511	ug/l	100
43) Isopropyl Acetate	6.44	43	109556	20.575	ug/l	99
44) Trichloroethene	7.21	130	37336	20.887	ug/l	94
45) 1,2-Dichloropropane	7.51	63	44791	21.393	ug/l	99
46) Dibromomethane	7.66	93	25324	20.828	ug/l	98
47) Bromodichloromethane	7.90	83	50516	20.829	ug/l	99
48) Methyl methacrylate	7.77	41	56007	21.201	ug/l	99
49) 1,4-Dioxane	7.74	88	22521	420.374	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	369674	106.218	ug/l	100
52) Toluene	8.78	92	96172	21.397	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	56454	20.617	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	61267	20.215	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	38662	21.084	ug/l	98
56) Ethyl methacrylate	9.18	69	68186	20.831	ug/l	98
57) 1,3-Dichloropropane	9.37	76	67324	20.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	178815	102.976	ug/l	100
59) 2-Hexanone	9.49	43	283343	103.659	ug/l	99
60) Dibromochloromethane	9.58	129	37313	20.834	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39216	21.186	ug/l	99
64) Tetrachloroethene	9.34	164	35375	22.591	ug/l	96
65) Chlorobenzene	10.13	112	99180	21.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34895	21.077	ug/l	98
67) Ethyl Benzene	10.25	91	180867	21.520	ug/l	98
68) m/p-Xylenes	10.36	106	134151	43.680	ug/l	98
69) o-Xylene	10.69	106	65370	21.573	ug/l	100
70) Styrene	10.71	104	114074	21.659	ug/l	100
71) Bromoform	10.85	173	27304	20.294	ug/l #	99
73) Isopropylbenzene	11.02	105	173370	21.244	ug/l	99
74) N-amyl acetate	10.90	43	96720	20.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	62808	20.645	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	54651m	20.993	ug/l	
77) Bromobenzene	11.26	156	42752	21.106	ug/l	99
78) n-propylbenzene	11.36	91	196545	21.088	ug/l	98
79) 2-Chlorotoluene	11.42	91	120526	20.960	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	146515	21.322	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18615	18.296	ug/l	93
82) 4-Chlorotoluene	11.51	91	136082	20.948	ug/l	100
83) tert-Butylbenzene	11.77	119	139554	20.877	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	147819	21.431	ug/l	99
85) sec-Butylbenzene	11.94	105	165026	20.823	ug/l	99
86) p-Isopropyltoluene	12.06	119	150649	21.144	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	75096	20.796	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74843	20.558	ug/l	98
89) n-Butylbenzene	12.38	91	130999	20.343	ug/l	99
90) Hexachloroethane	12.59	117	23865	19.661	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	77594	21.097	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14551	21.321	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
Data File : VX009447.D
Acq On : 09 May 2019 23:34
Operator : JC/SP
Sample : VX0509WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD02

Manual Integrations
APPROVED

MMDadoda
5/10/2019 1:12:49 PM

Quant Time: May 10 08:26:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52602	20.914	ug/l	99
94) Hexachlorobutadiene	13.78	225	26034	20.270	ug/l	99
95) Naphthalene	13.83	128	179739	21.965	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55367	21.717	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050919\
Data File : VX009447.D
Acq On : 09 May 2019 23:34
Operator : JC/SP
Sample : VX0509WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample ID :
VX0509WBSD02

Manual Integrations
APPROVED

MMDadoda
5/10/2019 1:12:49 PM

Quant Time: May 10 08:26:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

