

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004344.D
 Acq On : 04 Sep 2018 13:58
 Operator : JC/MD
 Sample : VX0904WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/5/2018 4:52:23 PM

Quant Time: Sep 05 07:07:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	311684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200152	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	5.50	113	172802	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	8.71	98	642917	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.14	95	237129	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68478	18.97	ug/l	96
3) Chloromethane	1.32	50	75927	19.21	ug/l	100
4) Vinyl Chloride	1.40	62	78441	19.21	ug/l	100
5) Bromomethane	1.64	94	37913	17.52	ug/l	97
6) Chloroethane	1.72	64	60726	20.14	ug/l	100
7) Trichlorofluoromethane	1.92	101	108520	19.39	ug/l	98
8) Diethyl Ether	2.18	74	48778	20.35	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69317	19.78	ug/l	100
10) Methyl Iodide	2.51	142	62419	18.70	ug/l	98
11) Tert butyl alcohol	3.07	59	94269	108.86	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63318	19.18	ug/l	99
13) Acrolein	2.29	56	22168	106.18	ug/l	97
14) Allyl chloride	2.72	41	126189	20.80	ug/l	96
15) Acrylonitrile	3.15	53	228007	106.32	ug/l	100
16) Acetone	2.45	43	199591	116.03	ug/l	100
17) Carbon Disulfide	2.56	76	157108	17.66	ug/l	99
18) Methyl Acetate	2.78	43	162897	27.02	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	226970	20.86	ug/l	97
20) Methylene Chloride	2.86	84	78526	20.08	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	69229	18.94	ug/l	96
22) Diisopropyl ether	3.87	45	233454	20.61	ug/l	94
23) Vinyl Acetate	3.82	43	882782	96.16	ug/l	100
24) 1,1-Dichloroethane	3.69	63	136649	20.70	ug/l	100
25) 2-Butanone	4.70	43	297175	107.55	ug/l	99
26) 2,2-Dichloropropane	4.58	77	104953	20.27	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	80348	19.38	ug/l	99
28) Bromochloromethane	5.01	49	64856	22.19	ug/l	98
29) Tetrahydrofuran	5.16	42	183288	105.01	ug/l	99
30) Chloroform	5.21	83	133022	20.10	ug/l	99
31) Cyclohexane	5.57	56	106311	18.67	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	109704	19.88	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94887	18.88	ug/l	98
37) Ethyl Acetate	4.86	43	102101	20.66	ug/l	99
38) Carbon Tetrachloride	5.78	117	93359	19.75	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004344.D
 Acq On : 04 Sep 2018 13:58
 Operator : JC/MD
 Sample : VX0904WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0904WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/5/2018 4:52:23 PM

Quant Time: Sep 05 07:07:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107625	18.76	ug/l	99
40) Benzene	6.14	78	303572	20.21	ug/l	100
41) Methacrylonitrile	5.06	41	60502	21.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	102661	20.04	ug/l	99
43) Isopropyl Acetate	6.46	43	155978	20.54	ug/l	99
44) Trichloroethene	7.21	130	81486	19.60	ug/l	99
45) 1,2-Dichloropropane	7.52	63	78669	20.93	ug/l	100
46) Dibromomethane	7.67	93	50240	20.07	ug/l	99
47) Bromodichloromethane	7.90	83	95722	20.56	ug/l	99
48) Methyl methacrylate	7.78	41	83611	20.57	ug/l	99
49) 1,4-Dioxane	7.76	88	40862	442.84	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	566363	102.63	ug/l	99
52) Toluene	8.79	92	193156	20.55	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	104259	20.27	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	115850	20.68	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	80178	21.13	ug/l	99
56) Ethyl methacrylate	9.18	69	105550	20.43	ug/l	99
57) 1,3-Dichloropropane	9.37	76	134112	20.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	305889	115.56	ug/l	99
59) 2-Hexanone	9.50	43	434498	103.20	ug/l	99
60) Dibromochloromethane	9.59	129	75196	20.34	ug/l	98
61) 1,2-Dibromoethane	9.67	107	80654	20.54	ug/l	98
64) Tetrachloroethene	9.34	164	85217	21.07	ug/l	99
65) Chlorobenzene	10.14	112	209200	20.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	69957	19.74	ug/l	98
67) Ethyl Benzene	10.25	91	323043	19.36	ug/l	95
68) m/p-Xylenes	10.36	106	276916	42.43	ug/l	100
69) o-Xylene	10.70	106	131433	21.29	ug/l	99
70) Styrene	10.71	104	222653	22.28	ug/l	99
71) Bromoform	10.86	173	57797	20.23	ug/l #	99
73) Isopropylbenzene	11.02	105	359630	22.45	ug/l	100
74) N-amyl acetate	10.90	43	129763	21.04	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	120383	21.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	111564m	22.49	ug/l	
77) Bromobenzene	11.26	156	95656	21.29	ug/l	97
78) n-propylbenzene	11.36	91	407473	22.12	ug/l	99
79) 2-Chlorotoluene	11.42	91	248175	21.89	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	301358	22.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	31860	20.84	ug/l	96
82) 4-Chlorotoluene	11.51	91	288863	21.65	ug/l	100
83) tert-Butylbenzene	11.77	119	293941	22.02	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	310632	22.81	ug/l	99
85) sec-Butylbenzene	11.94	105	363040	22.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	318444	22.43	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	180986	21.39	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	173093	19.41	ug/l	97
89) n-Butylbenzene	12.39	91	257114	22.27	ug/l	100
90) Hexachloroethane	12.60	117	42776	21.55	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	168102	21.74	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21347	21.62	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
Data File : VX004344.D
Acq On : 04 Sep 2018 13:58
Operator : JC/MD
Sample : VX0904WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Manual Integrations
APPROVED

MMDadoda
9/5/2018 4:52:23 PM

Quant Time: Sep 05 07:07:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121161	21.54	ug/l	100
94) Hexachlorobutadiene	13.78	225	66836	25.47	ug/l	96
95) Naphthalene	13.83	128	373822	23.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132841	22.31	ug/l	100

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

