

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003191.D
 Acq On : 06 Jul 2018 00:34
 Operator : JC/MD
 Sample : VX0705WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS03

Manual Integrations
 APPROVED

sam
 7/6/2018 4:21:05 PM

Quant Time: Jul 06 03:36:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203925	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	151941	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	
35) Dibromofluoromethane	5.51	113	128567	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
50) Toluene-d8	8.72	98	446863	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	
62) 4-Bromofluorobenzene	11.14	95	171124	44.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49370	21.98	ug/l	98
3) Chloromethane	1.32	50	51590	21.61	ug/l	100
4) Vinyl Chloride	1.40	62	58563	20.74	ug/l	95
5) Bromomethane	1.64	94	23721	16.15	ug/l	98
6) Chloroethane	1.72	64	36826	21.00	ug/l	97
7) Trichlorofluoromethane	1.93	101	92350	19.39	ug/l	98
8) Diethyl Ether	2.19	74	35109	20.27	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53334	19.32	ug/l	96
10) Methyl Iodide	2.51	142	45118	20.34	ug/l	96
11) Tert butyl alcohol	3.07	59	71123	103.44	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48960	19.88	ug/l	94
13) Acrolein	2.29	56	24200	66.64	ug/l	99
14) Allyl chloride	2.73	41	92747	19.11	ug/l	94
15) Acrylonitrile	3.15	53	153952	104.83	ug/l	99
16) Acetone	2.45	43	143896	100.67	ug/l	99
17) Carbon Disulfide	2.57	76	127128	19.37	ug/l	100
18) Methyl Acetate	2.78	43	77765	19.46	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	175627	19.84	ug/l	100
20) Methylene Chloride	2.86	84	62260	22.38	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	53974	20.12	ug/l	90
22) Diisopropyl ether	3.88	45	188148	20.28	ug/l	98
23) Vinyl Acetate	3.83	43	775589	98.70	ug/l	98
24) 1,1-Dichloroethane	3.70	63	100423	19.91	ug/l	99
25) 2-Butanone	4.71	43	231542	109.15	ug/l	97
26) 2,2-Dichloropropane	4.59	77	48034	11.71	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	62677	20.84	ug/l	97
28) Bromochloromethane	5.02	49	47796	19.80	ug/l	90
29) Tetrahydrofuran	5.17	42	148616	109.25	ug/l	97
30) Chloroform	5.22	83	106876	20.65	ug/l	96
31) Cyclohexane	5.58	56	88127	20.36	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	94717	20.80	ug/l	98
36) 1,1-Dichloropropene	5.80	75	75383	19.75	ug/l	97
37) Ethyl Acetate	4.87	43	89097	21.69	ug/l	99
38) Carbon Tetrachloride	5.79	117	83721	19.99	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003191.D
 Acq On : 06 Jul 2018 00:34
 Operator : JC/MD
 Sample : VX0705WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS03

Manual Integrations
 APPROVED

sam
 7/6/2018 4:21:05 PM

Quant Time: Jul 06 03:36:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85738	19.29	ug/l	96
40) Benzene	6.15	78	233504	21.06	ug/l	97
41) Methacrylonitrile	5.07	41	50279	21.25	ug/l	98
42) 1,2-Dichloroethane	6.20	62	89192	19.91	ug/l	98
43) Isopropyl Acetate	6.48	43	138489	20.10	ug/l	97
44) Trichloroethene	7.22	130	70047	21.19	ug/l	97
45) 1,2-Dichloropropane	7.52	63	61086	20.77	ug/l	99
46) Dibromomethane	7.67	93	41317	20.24	ug/l	94
47) Bromodichloromethane	7.90	83	76445	20.26	ug/l	97
48) Methyl methacrylate	7.78	41	71134	20.03	ug/l	94
49) 1,4-Dioxane	7.76	88	30816	446.11	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	457512	106.12	ug/l	98
52) Toluene	8.79	92	148123	20.85	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	81657	19.11	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	73892	17.97	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	61604	21.11	ug/l	98
56) Ethyl methacrylate	9.18	69	87588	20.53	ug/l	94
57) 1,3-Dichloropropane	9.38	76	100431	20.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	188017	91.36	ug/l	98
59) 2-Hexanone	9.50	43	348423	106.34	ug/l	97
60) Dibromochloromethane	9.59	129	62438	20.32	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65241	21.31	ug/l	99
64) Tetrachloroethene	9.34	164	85749	23.36	ug/l	98
65) Chlorobenzene	10.14	112	170633	20.35	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	63956	20.99	ug/l	98
67) Ethyl Benzene	10.26	91	278590	20.11	ug/l	99
68) m/p-Xylenes	10.36	106	217746	40.78	ug/l	98
69) o-Xylene	10.70	106	106236	20.43	ug/l	98
70) Styrene	10.71	104	177856	21.05	ug/l	98
71) Bromoform	10.86	173	48846	20.26	ug/l	99
73) Isopropylbenzene	11.02	105	289494	21.10	ug/l	99
74) N-amyl acetate	6.48	43	138489	20.63	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	89212	21.11	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	87343m	23.65	ug/l	
77) Bromobenzene	11.26	156	82243	21.05	ug/l	96
78) n-propylbenzene	11.37	91	319433	20.46	ug/l	98
79) 2-Chlorotoluene	11.43	91	195324	20.66	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	239230	20.70	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18482	16.90	ug/l	98
82) 4-Chlorotoluene	11.51	91	226128	20.20	ug/l	98
83) tert-Butylbenzene	11.77	119	232416	20.41	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	247086	20.64	ug/l	98
85) sec-Butylbenzene	11.95	105	284046	20.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	255332	20.56	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145868	20.44	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148391	20.21	ug/l	100
89) n-Butylbenzene	12.39	91	204878	18.95	ug/l	99
90) Hexachloroethane	12.60	117	35781	19.37	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	148881	20.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19702	20.74	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003191.D
Acq On : 06 Jul 2018 00:34
Operator : JC/MD
Sample : VX0705WBS03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Manual Integrations
APPROVED

sam
7/6/2018 4:21:05 PM

Quant Time: Jul 06 03:36:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112579	21.48	ug/l	98
94) Hexachlorobutadiene	13.79	225	55379	21.18	ug/l	100
95) Naphthalene	13.84	128	320777	22.98	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117635	22.47	ug/l	100

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

