

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072318\
 Data File : VX003595.D
 Acq On : 23 Jul 2018 11:10
 Operator : JC/SP
 Sample : VX0723WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:27 PM

Quant Time: Jul 24 06:53:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169118	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	5.51	113	148627	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	8.72	98	562727	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	204793	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38849	17.89	ug/l	99
3) Chloromethane	1.32	50	51125	18.75	ug/l	97
4) Vinyl Chloride	1.40	62	55200	16.29	ug/l	98
5) Bromomethane	1.64	94	32240	22.56	ug/l	100
6) Chloroethane	1.72	64	36915	18.41	ug/l	96
7) Trichlorofluoromethane	1.93	101	82678	18.29	ug/l	99
8) Diethyl Ether	2.19	74	37645	19.39	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52928	17.89	ug/l	96
10) Methyl Iodide	2.51	142	67257	18.93	ug/l	92
11) Tert butyl alcohol	3.07	59	69472	111.21	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48781	17.91	ug/l	85
13) Acrolein	2.29	56	21946	77.75	ug/l	97
14) Allyl chloride	2.73	41	90104	18.69	ug/l	85
15) Acrylonitrile	3.15	53	163649	102.90	ug/l	98
16) Acetone	2.45	43	131661	110.41	ug/l #	87
17) Carbon Disulfide	2.57	76	122664	16.65	ug/l	98
18) Methyl Acetate	2.78	43	80613	21.44	ug/l #	90
19) Methyl tert-butyl Ether	3.21	73	181587	20.42	ug/l	100
20) Methylene Chloride	2.86	84	61139	20.46	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	54744	18.06	ug/l	90
22) Diisopropyl ether	3.87	45	178364	19.66	ug/l	97
23) Vinyl Acetate	3.83	43	729962	97.67	ug/l	97
24) 1,1-Dichloroethane	3.70	63	100676	18.91	ug/l	98
25) 2-Butanone	4.71	43	213680	106.80	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	75336	18.63	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	64130	19.00	ug/l	84
28) Bromochloromethane	5.02	49	47634	20.47	ug/l	85
29) Tetrahydrofuran	5.17	42	137604	104.12	ug/l	89
30) Chloroform	5.21	83	105311	20.26	ug/l	99
31) Cyclohexane	5.57	56	82962	17.44	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	88267	19.83	ug/l	96
36) 1,1-Dichloropropene	5.80	75	73981	18.27	ug/l	96
37) Ethyl Acetate	4.87	43	78952	20.60	ug/l #	94
38) Carbon Tetrachloride	5.78	117	78040	19.64	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003595.D
 Acq On : 23 Jul 2018 11:10
 Operator : JC/SP
 Sample : VX0723WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0723WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:27 PM

Quant Time: Jul 24 06:53:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86687	18.07	ug/l	95
40) Benzene	6.15	78	245121	20.05	ug/l	98
41) Methacrylonitrile	5.07	41	45470	20.19	ug/l #	90
42) 1,2-Dichloroethane	6.20	62	82777	21.49	ug/l	94
43) Isopropyl Acetate	6.47	43	131869	21.63	ug/l	93
44) Trichloroethene	7.21	130	71740	19.67	ug/l	99
45) 1,2-Dichloropropane	7.52	63	66348	21.37	ug/l	97
46) Dibromomethane	7.67	93	43063	21.54	ug/l	95
47) Bromodichloromethane	7.90	83	79664	21.77	ug/l	99
48) Methyl methacrylate	7.78	41	67981	22.11	ug/l	86
49) 1,4-Dioxane	7.76	88	32218	462.52	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	441907	114.74	ug/l	91
52) Toluene	8.79	92	156940	20.39	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	95838	21.28	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	85956	21.22	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	67137	21.92	ug/l	98
56) Ethyl methacrylate	9.18	69	90790	21.05	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	108493	21.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	222619	106.13	ug/l	98
59) 2-Hexanone	9.50	43	333194	116.77	ug/l	90
60) Dibromochloromethane	9.59	129	65569	21.63	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68880	21.69	ug/l	99
64) Tetrachloroethene	9.34	164	82134	18.76	ug/l	98
65) Chlorobenzene	10.14	112	181299	19.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	65327	20.51	ug/l	99
67) Ethyl Benzene	10.26	91	287934	19.34	ug/l	100
68) m/p-Xylenes	10.36	106	227458	38.97	ug/l	97
69) o-Xylene	10.70	106	109248	19.36	ug/l	96
70) Styrene	10.71	104	184572	19.88	ug/l	97
71) Bromoform	10.86	173	50737	20.50	ug/l #	99
73) Isopropylbenzene	11.02	105	294088	19.47	ug/l	99
74) N-amyl acetate	6.47	43	131869	20.56	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	94893	21.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86219m	21.98	ug/l	
77) Bromobenzene	11.26	156	85161	19.61	ug/l	96
78) n-propylbenzene	11.37	91	327813	19.53	ug/l	99
79) 2-Chlorotoluene	11.42	91	200484	19.67	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	244715	19.72	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	24940	19.57	ug/l	93
82) 4-Chlorotoluene	11.51	91	234734	19.66	ug/l	98
83) tert-Butylbenzene	11.77	119	233940	19.25	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	252494	19.99	ug/l	98
85) sec-Butylbenzene	11.95	105	281338	19.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	255606	19.29	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	151826	19.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153698	18.69	ug/l	99
89) n-Butylbenzene	12.39	91	207843	18.47	ug/l	99
90) Hexachloroethane	12.60	117	35653	18.93	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	154132	19.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17857	20.73	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003595.D
 Acq On : 23 Jul 2018 11:10
 Operator : JC/SP
 Sample : VX0723WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:27 PM

Quant Time: Jul 24 06:53:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103628	17.97	ug/l	100
94) Hexachlorobutadiene	13.79	225	48199	17.38	ug/l	99
95) Naphthalene	13.83	128	302780	19.98	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107838	18.89	ug/l	99

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

