

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003593.D
 Acq On : 23 Jul 2018 10:17
 Operator : JC/SP
 Sample : VX0723WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:22 PM

Quant Time: Jul 24 06:47:31 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	292519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	373111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171570	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.50	113	153469	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	8.72	98	587855	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	11.14	95	213677	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44209	18.584	ug/l	99
3) Chloromethane	1.32	50	55593	18.576	ug/l	98
4) Vinyl Chloride	1.40	62	61742	16.615	ug/l	98
5) Bromomethane	1.64	94	34022	21.606	ug/l	99
6) Chloroethane	1.72	64	39754	18.079	ug/l	100
7) Trichlorofluoromethane	1.93	101	92566	18.671	ug/l	98
8) Diethyl Ether	2.19	74	38943	18.290	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59473	18.329	ug/l	97
10) Methyl Iodide	2.51	142	70976	18.208	ug/l	93
11) Tert butyl alcohol	3.07	59	67621	98.690	ug/l	99
12) 1,1-Dichloroethene	2.37	96	54408	18.211	ug/l	89
13) Acrolein	2.29	56	21172	68.389	ug/l	99
14) Allyl chloride	2.73	41	96595	18.264	ug/l	87
15) Acrylonitrile	3.15	53	162871	93.366	ug/l	98
16) Acetone	2.45	43	126763	96.919	ug/l #	88
17) Carbon Disulfide	2.57	76	140724	17.415	ug/l	100
18) Methyl Acetate	2.78	43	80331	19.482	ug/l	91
19) Methyl tert-butyl Ether	3.20	73	188831	19.355	ug/l	100
20) Methylene Chloride	2.86	84	63148	19.212	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	60232	18.119	ug/l	90
22) Diisopropyl ether	3.87	45	193220	19.415	ug/l	95
23) Vinyl Acetate	3.82	43	769603	93.880	ug/l	96
24) 1,1-Dichloroethane	3.70	63	113687	19.470	ug/l	98
25) 2-Butanone	4.71	43	216485	98.651	ug/l	92
26) 2,2-Dichloropropane	4.59	77	87268	19.678	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	69725	18.838	ug/l	84
28) Bromochloromethane	5.02	49	49636	19.448	ug/l	85
29) Tetrahydrofuran	5.16	42	136689	94.292	ug/l	90
30) Chloroform	5.21	83	111765	19.602	ug/l	98
31) Cyclohexane	5.57	56	95114	18.231	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	95747	19.610	ug/l	97
36) 1,1-Dichloropropene	5.80	75	82634	19.619	ug/l	98
37) Ethyl Acetate	4.86	43	80748	20.259	ug/l	95
38) Carbon Tetrachloride	5.78	117	84477	20.447	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072318\
 Data File : VX003593.D
 Acq On : 23 Jul 2018 10:17
 Operator : JC/SP
 Sample : VX0723WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0723WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:22 PM

Quant Time: Jul 24 06:47:31 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	96169	19.277	ug/l	96
40) Benzene	6.14	78	256247	20.150	ug/l	99
41) Methacrylonitrile	5.06	41	45154	19.276	ug/l	91
42) 1,2-Dichloroethane	6.20	62	84654	21.128	ug/l	95
43) Isopropyl Acetate	6.46	43	129584	20.439	ug/l	94
44) Trichloroethene	7.21	130	76949	20.290	ug/l	100
45) 1,2-Dichloropropane	7.52	63	67061	20.768	ug/l	100
46) Dibromomethane	7.67	93	42561	20.473	ug/l	95
47) Bromodichloromethane	7.90	83	80593	21.176	ug/l	100
48) Methyl methacrylate	7.78	41	65382	20.449	ug/l	85
49) 1,4-Dioxane	7.76	88	29365	405.345	ug/l #	95
51) 4-Methyl-2-Pentanone	8.65	43	424835	106.065	ug/l	93
52) Toluene	8.79	92	164159	20.508	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	97902	20.900	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	87407	20.749	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	66055	20.738	ug/l	98
56) Ethyl methacrylate	9.18	69	89819	20.020	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	106303	20.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	216404	99.197	ug/l	97
59) 2-Hexanone	9.50	43	316240	106.561	ug/l	90
60) Dibromochloromethane	9.59	129	65075	20.640	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68211	20.658	ug/l	100
64) Tetrachloroethene	9.34	164	90855	19.986	ug/l	97
65) Chlorobenzene	10.14	112	189545	19.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	66616	20.141	ug/l	99
67) Ethyl Benzene	10.26	91	306528	19.831	ug/l	99
68) m/p-Xylenes	10.36	106	243964	40.260	ug/l	96
69) o-Xylene	10.70	106	114784	19.589	ug/l	96
70) Styrene	10.71	104	193902	20.117	ug/l	97
71) Bromoform	10.86	173	50290	19.569	ug/l #	99
73) Isopropylbenzene	11.02	105	313869	19.528	ug/l	100
74) N-amyl acetate	6.46	43	129584	18.987	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	89356	18.971	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84625m	20.269	ug/l	
77) Bromobenzene	11.26	156	88308	19.102	ug/l	97
78) n-propylbenzene	11.36	91	358502	20.065	ug/l	99
79) 2-Chlorotoluene	11.42	91	212458	19.588	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	263142	19.921	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24628	18.328	ug/l	93
82) 4-Chlorotoluene	11.51	91	249597	19.639	ug/l	98
83) tert-Butylbenzene	11.77	119	249829	19.312	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	267887	19.930	ug/l	97
85) sec-Butylbenzene	11.95	105	311900	19.850	ug/l	99
86) p-Isopropyltoluene	12.07	119	281346	19.952	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	161892	19.051	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	163631	18.693	ug/l	99
89) n-Butylbenzene	12.39	91	235987	19.708	ug/l	100
90) Hexachloroethane	12.60	117	37530	18.722	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	161628	19.298	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17117	18.674	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
Data File : VX003593.D
Acq On : 23 Jul 2018 10:17
Operator : JC/SP
Sample : VX0723WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Manual Integrations
APPROVED

MMDadoda
7/24/2018 12:37:22 PM

Quant Time: Jul 24 06:47:31 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	114708	18.688	ug/l	100
94) Hexachlorobutadiene	13.79	225	56120	19.011	ug/l	99
95) Naphthalene	13.83	128	308327	19.116	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	114755	18.885	ug/l	99

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

