

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004509.D
 Acq On : 13 Sep 2018 12:07
 Operator : JC/MD
 Sample : VX0913WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2018 11:23:43 AM

Quant Time: Sep 14 04:22:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214880	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187055	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	5.50	113	161267	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.71	98	556009	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.14	95	202891	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55474	19.619	ug/l	97
3) Chloromethane	1.32	50	70276	18.059	ug/l	98
4) Vinyl Chloride	1.40	62	74165	18.569	ug/l	97
5) Bromomethane	1.64	94	38486	22.360	ug/l	100
6) Chloroethane	1.72	64	47133	18.249	ug/l	99
7) Trichlorofluoromethane	1.93	101	100596	18.999	ug/l	95
8) Diethyl Ether	2.18	74	45559	19.193	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66500	19.798	ug/l	98
10) Methyl Iodide	2.51	142	60900	18.133	ug/l	97
11) Tert butyl alcohol	3.07	59	90139	97.105	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60820	19.293	ug/l	97
13) Acrolein	2.29	56	31507	85.985	ug/l	94
14) Allyl chloride	2.73	41	118751	18.323	ug/l	97
15) Acrylonitrile	3.15	53	209124	93.553	ug/l	99
16) Acetone	2.45	43	163199	85.952	ug/l	99
17) Carbon Disulfide	2.57	76	175729	19.285	ug/l	97
18) Methyl Acetate	2.78	43	97570	18.316	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	212863	19.244	ug/l	99
20) Methylene Chloride	2.85	84	72961	18.732	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	66176	18.997	ug/l	93
22) Diisopropyl ether	3.87	45	221799	19.001	ug/l	93
23) Vinyl Acetate	3.82	43	907858	96.109	ug/l	98
24) 1,1-Dichloroethane	3.69	63	128708	19.530	ug/l	98
25) 2-Butanone	4.70	43	260366	86.162	ug/l	94
26) 2,2-Dichloropropane	4.59	77	97362	21.510	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	75664	19.458	ug/l	100
28) Bromochloromethane	5.01	49	59594	19.769	ug/l	99
29) Tetrahydrofuran	5.15	42	167901	92.134	ug/l	99
30) Chloroform	5.21	83	123020	19.120	ug/l	95
31) Cyclohexane	5.58	56	113417	20.155	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	102694	19.817	ug/l	98
36) 1,1-Dichloropropene	5.80	75	96866	21.035	ug/l	99
37) Ethyl Acetate	4.85	43	98291	18.767	ug/l	99
38) Carbon Tetrachloride	5.78	117	87597	19.475	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004509.D
 Acq On : 13 Sep 2018 12:07
 Operator : JC/MD
 Sample : VX0913WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2018 11:23:43 AM

Quant Time: Sep 14 04:22:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101436	21.108	ug/l	93
40) Benzene	6.13	78	284501	20.822	ug/l	98
41) Methacrylonitrile	5.06	41	54413	18.856	ug/l	100
42) 1,2-Dichloroethane	6.20	62	92159	20.336	ug/l	99
43) Isopropyl Acetate	6.46	43	145031	20.848	ug/l	99
44) Trichloroethene	7.21	130	71073	20.022	ug/l	96
45) 1,2-Dichloropropane	7.52	63	63829	19.414	ug/l	98
46) Dibromomethane	7.66	93	40304	19.404	ug/l	99
47) Bromodichloromethane	7.90	83	76442	19.461	ug/l	99
48) Methyl methacrylate	7.78	41	67255	19.535	ug/l	98
49) 1,4-Dioxane	7.76	88	33211	407.579	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	438786	89.380	ug/l	99
52) Toluene	8.79	92	157000	19.503	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	87851	19.146	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	95491	20.416	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	69822	20.144	ug/l	94
56) Ethyl methacrylate	9.18	69	97722	19.929	ug/l	99
57) 1,3-Dichloropropane	9.37	76	117684	20.896	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	225971	95.089	ug/l	97
59) 2-Hexanone	9.49	43	369160	98.036	ug/l	99
60) Dibromochloromethane	9.59	129	63040	19.318	ug/l	98
61) 1,2-Dibromoethane	9.67	107	65833	19.882	ug/l	98
64) Tetrachloroethene	9.34	164	91958	20.034	ug/l	95
65) Chlorobenzene	10.14	112	176383	19.315	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	60076	19.077	ug/l	99
67) Ethyl Benzene	10.25	91	292286	19.684	ug/l	97
68) m/p-Xylenes	10.36	106	232098	40.579	ug/l	97
69) o-Xylene	10.70	106	109061	19.833	ug/l	98
70) Styrene	10.71	104	183862	20.182	ug/l	99
71) Bromoform	10.86	173	47077	18.207	ug/l	100
73) Isopropylbenzene	11.02	105	302240	21.357	ug/l	99
74) N-amyl acetate	10.90	43	113539	19.061	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87423	19.152	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86369m	19.978	ug/l	
77) Bromobenzene	11.26	156	79812	20.404	ug/l	99
78) n-propylbenzene	11.36	91	348831	21.438	ug/l	99
79) 2-Chlorotoluene	11.42	91	202316	20.501	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	252849	21.253	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	26836	19.786	ug/l	99
82) 4-Chlorotoluene	11.51	91	240843	20.910	ug/l	100
83) tert-Butylbenzene	11.77	119	238539	21.061	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	260928	21.482	ug/l	99
85) sec-Butylbenzene	11.94	105	309156	21.420	ug/l	98
86) p-Isopropyltoluene	12.07	119	275896	21.647	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	149221	20.447	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	150227	19.922	ug/l	97
89) n-Butylbenzene	12.39	91	242035	20.839	ug/l	98
90) Hexachloroethane	12.60	117	39475	19.347	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	148147	20.056	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18602	19.085	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
Data File : VX004509.D
Acq On : 13 Sep 2018 12:07
Operator : JC/MD
Sample : VX0913WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Manual Integrations
APPROVED

MMDadoda
9/15/2018 11:23:43 AM

Quant Time: Sep 14 04:22:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109934	21.018	ug/l	99
94) Hexachlorobutadiene	13.79	225	56674	20.744	ug/l	97
95) Naphthalene	13.83	128	301470	20.550	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111464	20.744	ug/l	98

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

