

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX008999.D
 Acq On : 16 Apr 2019 19:44
 Operator : JC/SP
 Sample : K2387-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MS

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:59:03 AM

Quant Time: Apr 17 06:37:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	304988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142127	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	139155	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	5.49	113	102790	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.71	98	418585	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.13	95	149721	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	127328	53.427	ug/l	98
3) Chloromethane	1.32	50	161105	55.063	ug/l	99
4) Vinyl Chloride	1.41	62	182554	64.106	ug/l	99
5) Bromomethane	1.64	94	85298	48.000	ug/l	99
6) Chloroethane	1.72	64	91250	54.492	ug/l	97
7) Trichlorofluoromethane	1.93	101	169491	50.977	ug/l	96
8) Diethyl Ether	2.19	74	79233	52.108	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	103160	48.527	ug/l	100
10) Methyl Iodide	2.51	142	129000	55.015	ug/l	99
11) Tert butyl alcohol	3.05	59	159737	246.787	ug/l	99
12) 1,1-Dichloroethene	2.37	96	111607	50.299	ug/l	100
13) Acrolein	2.29	56	40469	72.361	ug/l	98
14) Allyl chloride	2.73	41	233005	48.132	ug/l	99
15) Acrylonitrile	3.14	53	434746	264.593	ug/l	100
16) Acetone	2.44	43	359479	237.727	ug/l	97
17) Carbon Disulfide	2.57	76	325220	49.881	ug/l	100
18) Methyl Acetate	2.77	43	185587	49.175	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	420332	53.165	ug/l	100
20) Methylene Chloride	2.85	84	130990	50.654	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	119934	50.676	ug/l	95
22) Diisopropyl ether	3.85	45	488642	51.946	ug/l #	76
23) Vinyl Acetate	3.85	43	232013	28.059	ug/l #	76
24) 1,1-Dichloroethane	3.70	63	245805	52.055	ug/l	100
25) 2-Butanone	4.67	43	626039	259.007	ug/l	99
26) 2,2-Dichloropropane	4.59	77	158151	44.681	ug/l	87
27) cis-1,2-Dichloroethene	4.59	96	409350	152.340	ug/l	93
28) Bromochloromethane	5.01	49	108884	55.736	ug/l	100
29) Tetrahydrofuran	5.13	42	425176	262.812	ug/l	99
30) Chloroform	5.21	83	222589	52.677	ug/l	100
31) Cyclohexane	5.58	56	235930	50.799	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	182674	52.161	ug/l	100
36) 1,1-Dichloropropene	5.80	75	173073	49.303	ug/l	100
37) Ethyl Acetate	4.83	43	232315	51.430	ug/l	100
38) Carbon Tetrachloride	5.79	117	150065	50.425	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX008999.D
 Acq On : 16 Apr 2019 19:44
 Operator : JC/SP
 Sample : K2387-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MS

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:59:03 AM

Quant Time: Apr 17 06:37:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	206405	48.292	ug/l	99
40) Benzene	6.14	78	537538	51.906	ug/l	99
41) Methacrylonitrile	5.04	41	138148	53.288	ug/l	99
42) 1,2-Dichloroethane	6.19	62	190858	52.026	ug/l	99
43) Isopropyl Acetate	6.45	43	378137	51.947	ug/l	100
44) Trichloroethene	7.21	130	259585	102.303	ug/l	99
45) 1,2-Dichloropropane	7.51	63	150516	52.390	ug/l	99
46) Dibromomethane	7.66	93	85648	51.224	ug/l	100
47) Bromodichloromethane	7.90	83	170431	51.969	ug/l	99
48) Methyl methacrylate	7.77	41	195567	54.373	ug/l	99
49) 1,4-Dioxane	7.74	88	59028	876.817	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1236152	266.556	ug/l	100
52) Toluene	8.78	92	321551	51.809	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	195664	51.843	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	216517	51.234	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	128366	52.185	ug/l	99
56) Ethyl methacrylate	9.18	69	241095	54.662	ug/l	99
57) 1,3-Dichloropropane	9.37	76	229842	52.479	ug/l	100
59) 2-Hexanone	9.49	43	926794	259.214	ug/l	100
60) Dibromochloromethane	9.58	129	126582	53.693	ug/l	100
61) 1,2-Dibromoethane	9.67	107	131810	51.919	ug/l	98
64) Tetrachloroethene	9.34	164	574493	247.954	ug/l	98
65) Chlorobenzene	10.13	112	327501	50.874	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	119735	52.797	ug/l	98
67) Ethyl Benzene	10.25	91	606066	51.501	ug/l	100
68) m/p-Xylenes	10.36	106	440706	103.047	ug/l	100
69) o-Xylene	10.69	106	212585	51.085	ug/l	97
70) Stvrene	10.69	104	10659	1.478	ug/l #	1
71) Bromoform	10.85	173	94370	52.232	ug/l	99
73) Isopropylbenzene	11.02	105	570828	52.987	ug/l	100
74) N-amyl acetate	10.90	43	324338	52.434	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	205270	52.149	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	182946m	52.715	ug/l	
77) Bromobenzene	11.26	156	140467	51.678	ug/l	98
78) n-propylbenzene	11.36	91	658144	53.226	ug/l	100
79) 2-Chlorotoluene	11.42	91	389353	52.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	480799	53.184	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69220	51.206	ug/l	96
82) 4-Chlorotoluene	11.51	91	451004	52.117	ug/l	100
83) tert-Butylbenzene	11.77	119	458425	52.817	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	484419	52.641	ug/l	100
85) sec-Butylbenzene	11.94	105	540634	52.226	ug/l	99
86) p-Isopropyltoluene	12.06	119	494043	51.910	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	244460	51.386	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	243984	50.592	ug/l	99
89) n-Butylbenzene	12.38	91	452328	51.033	ug/l	100
90) Hexachloroethane	12.60	117	82945	52.835	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	242815	51.688	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45023	50.236	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	168757	49.764	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041619\
Data File : VX008999.D
Acq On : 16 Apr 2019 19:44
Operator : JC/SP
Sample : K2387-04MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410MS

Manual Integrations
APPROVED

MMDadoda
4/17/2019 9:59:03 AM

Quant Time: Apr 17 06:37:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	82041	48.507	ug/l	100
95) Naphthalene	13.83	128	554866	51.071	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	166880	49.876	ug/l	99

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

