

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042919\
 Data File : VX009229.D
 Acq On : 29 Apr 2019 23:46
 Operator : JC/SP
 Sample : K2594-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:04:00 AM

Quant Time: Apr 30 09:17:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141508	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	126103	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.50	113	93318	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
50) Toluene-d8	8.71	98	380940	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.13	95	138385	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84354	47.516	ug/l	99
3) Chloromethane	1.32	50	118738	48.990	ug/l	100
4) Vinyl Chloride	1.41	62	121444	51.385	ug/l	99
5) Bromomethane	1.64	94	63738	44.932	ug/l	95
6) Chloroethane	1.71	64	72707	47.915	ug/l	97
7) Trichlorofluoromethane	1.92	101	139763	48.649	ug/l	98
8) Diethyl Ether	2.18	74	65373	48.039	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85438	47.358	ug/l	99
10) Methyl Iodide	2.51	142	98710	47.359	ug/l	99
11) Tert butyl alcohol	3.05	59	141028	231.668	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90125	49.859	ug/l	98
13) Acrolein	2.29	56	124036	224.986	ug/l	99
14) Allyl chloride	2.73	41	208290	47.284	ug/l	100
15) Acrylonitrile	3.14	53	370967	249.232	ug/l	100
16) Acetone	2.45	43	308671	218.584	ug/l	99
17) Carbon Disulfide	2.57	76	252318	49.718	ug/l	100
18) Methyl Acetate	2.78	43	158404	47.167	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	346784	49.404	ug/l	98
20) Methylene Chloride	2.85	84	108196	47.320	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	96129	49.037	ug/l	99
22) Diisopropyl ether	3.85	45	423450	49.985	ug/l	99
23) Vinyl Acetate	3.81	43	1819999	250.886	ug/l	99
24) 1,1-Dichloroethane	3.70	63	205461	49.164	ug/l	99
25) 2-Butanone	4.67	43	539907	246.036	ug/l	99
26) 2,2-Dichloropropane	4.58	77	120902	38.867	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	120794	51.624	ug/l	98
28) Bromochloromethane	5.01	49	85080	50.607	ug/l	99
29) Tetrahydrofuran	5.13	42	360132	255.033	ug/l	99
30) Chloroform	5.21	83	185718	49.135	ug/l	99
31) Cyclohexane	5.58	56	191167	49.167	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	152474	48.459	ug/l	100
36) 1,1-Dichloropropene	5.80	75	140217	46.811	ug/l	100
37) Ethyl Acetate	4.83	43	200095	47.945	ug/l	99
38) Carbon Tetrachloride	5.79	117	125860	46.247	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042919\
 Data File : VX009229.D
 Acq On : 29 Apr 2019 23:46
 Operator : JC/SP
 Sample : K2594-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MS

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:04:00 AM

Quant Time: Apr 30 09:17:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167799	45.615	ug/l	98
40) Benzene	6.14	78	441456	47.621	ug/l	99
41) Methacrylonitrile	5.04	41	118582	47.732	ug/l	100
42) 1,2-Dichloroethane	6.20	62	158103	47.545	ug/l	99
43) Isopropyl Acetate	6.45	43	320168	47.961	ug/l	100
44) Trichloroethene	7.21	130	103068	45.990	ug/l	98
45) 1,2-Dichloropropane	7.51	63	125339	47.749	ug/l	99
46) Dibromomethane	7.66	93	70803	46.449	ug/l	98
47) Bromodichloromethane	7.90	83	144709	47.592	ug/l	99
48) Methyl methacrylate	7.77	41	162377	49.028	ug/l	99
49) 1,4-Dioxane	7.74	88	55392	824.705	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1070461	245.331	ug/l	99
52) Toluene	8.79	92	267530	47.476	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	161535	47.055	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	179261	47.178	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	109443	47.606	ug/l	96
56) Ethyl methacrylate	9.18	69	201322	49.058	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192460	47.573	ug/l	99
59) 2-Hexanone	9.49	43	842595	245.876	ug/l	99
60) Dibromochloromethane	9.58	129	108729	48.424	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111626	48.101	ug/l	100
64) Tetrachloroethene	9.34	164	90553	45.517	ug/l	99
65) Chlorobenzene	10.14	112	286498	49.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	101552	48.280	ug/l	99
67) Ethyl Benzene	10.25	91	509348	47.703	ug/l	100
68) m/p-Xylenes	10.36	106	372041	95.349	ug/l	98
69) o-Xylene	10.69	106	184087	47.817	ug/l	99
70) Stvrene	10.71	104	322701	48.227	ug/l	99
71) Bromoform	10.85	173	82046	47.999	ug/l #	100
73) Isopropylbenzene	11.02	105	488146	47.438	ug/l	99
74) N-amyl acetate	10.90	43	291647	48.613	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	186501	48.618	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	155689m	47.430	ug/l	
77) Bromobenzene	11.26	156	120444	47.157	ug/l	100
78) n-propylbenzene	11.36	91	560363	47.682	ug/l	99
79) 2-Chlorotoluene	11.42	91	335960	46.337	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	410669	47.397	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57349	44.703	ug/l	97
82) 4-Chlorotoluene	11.51	91	385967	47.121	ug/l	99
83) tert-Butylbenzene	11.77	119	399137	47.354	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	417480	48.003	ug/l	99
85) sec-Butylbenzene	11.94	105	472071	47.241	ug/l	100
86) p-Isopropyltoluene	12.06	119	427398	47.576	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213502	46.891	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	214414	46.709	ug/l	99
89) n-Butylbenzene	12.38	91	386931	47.654	ug/l	100
90) Hexachloroethane	12.59	117	72987	47.688	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	219971	47.432	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42556	49.453	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	153031	48.255	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042919\
Data File : VX009229.D
Acq On : 29 Apr 2019 23:46
Operator : JC/SP
Sample : K2594-04MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423MS

Manual Integrations
APPROVED

MMDadoda
4/30/2019 11:04:00 AM

Quant Time: Apr 30 09:17:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	74062	45.732	ug/l	99
95) Naphthalene	13.83	128	506950	49.134	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154130	47.946	ug/l	99

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

