

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008922.D
 Acq On : 13 Apr 2019 05:55
 Operator : JC/SP
 Sample : K2367-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:12:53 PM

Quant Time: Apr 13 07:15:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	155148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103421	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
35) Dibromofluoromethane	5.50	113	78405	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	8.71	98	312844	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.13	95	117249	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93078	52.119	ug/l	98
3) Chloromethane	1.32	50	119844	54.922	ug/l	100
4) Vinyl Chloride	1.41	62	114363	47.371	ug/l	98
5) Bromomethane	1.64	94	60534	50.867	ug/l	99
6) Chloroethane	1.71	64	66734	50.655	ug/l	99
7) Trichlorofluoromethane	1.92	101	127688	47.847	ug/l	98
8) Diethyl Ether	2.19	74	59858	47.298	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74233	43.204	ug/l	96
10) Methyl Iodide	2.51	142	81882	52.140	ug/l	100
11) Tert butyl alcohol	3.06	59	204655	386.303	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83769	46.703	ug/l	99
13) Acrolein	2.29	56	80722	307.287	ug/l	99
14) Allyl chloride	2.72	41	192190	46.806	ug/l	96
15) Acrylonitrile	3.15	53	381654	271.935	ug/l	99
16) Acetone	2.45	43	515885	395.806	ug/l	100
17) Carbon Disulfide	2.56	76	252879	48.805	ug/l	100
18) Methyl Acetate	2.78	43	152573	48.266	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	324710	50.692	ug/l	99
20) Methylene Chloride	2.85	84	99095	45.421	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	90051	46.415	ug/l	96
22) Diisopropyl ether	3.86	45	377354	47.681	ug/l	98
23) Vinyl Acetate	3.82	43	1586326	230.410	ug/l	100
24) 1,1-Dichloroethane	3.70	63	186081	47.489	ug/l	98
25) 2-Butanone	4.68	43	605163	293.765	ug/l	99
26) 2,2-Dichloropropane	4.59	77	79313	28.739	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	113595	50.926	ug/l	93
28) Bromochloromethane	5.01	49	83413	51.023	ug/l	97
29) Tetrahydrofuran	5.13	42	392517	287.077	ug/l	99
30) Chloroform	5.21	83	169646	48.474	ug/l	99
31) Cyclohexane	5.58	56	191519	48.984	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	141158	49.912	ug/l	98
36) 1,1-Dichloropropene	5.80	75	131539	46.197	ug/l	99
37) Ethyl Acetate	4.84	43	192177	50.565	ug/l	100
38) Carbon Tetrachloride	5.79	117	116025	49.234	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008922.D
 Acq On : 13 Apr 2019 05:55
 Operator : JC/SP
 Sample : K2367-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 S8-0703MSD

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:12:53 PM

Quant Time: Apr 13 07:15:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177399	50.435	ug/l	99
40) Benzene	6.14	78	461269	54.379	ug/l	100
41) Methacrylonitrile	5.04	41	112865	51.664	ug/l	99
42) 1,2-Dichloroethane	6.20	62	143712	47.258	ug/l	99
43) Isopropyl Acetate	6.45	43	303372	50.956	ug/l	100
44) Trichloroethene	7.21	130	95143	48.158	ug/l	98
45) 1,2-Dichloropropane	7.51	63	115309	47.626	ug/l	98
46) Dibromomethane	7.66	93	66601	47.430	ug/l	96
47) Bromodichloromethane	7.90	83	132069	49.882	ug/l	99
48) Methyl methacrylate	7.77	41	161958	53.777	ug/l	99
49) 1,4-Dioxane	7.74	88	69688	1235.243	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1084872	283.067	ug/l	100
52) Toluene	8.79	92	249329	49.857	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	143954	48.538	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158827	46.868	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99703	49.668	ug/l	97
56) Ethyl methacrylate	9.18	69	192428	52.981	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176671	49.013	ug/l	99
59) 2-Hexanone	9.49	43	870236	292.176	ug/l	99
60) Dibromochloromethane	9.59	129	98420	52.030	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104097	49.813	ug/l	98
64) Tetrachloroethene	9.34	164	79644	45.725	ug/l	97
65) Chlorobenzene	10.14	112	253278	48.602	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92224	50.444	ug/l	99
67) Ethyl Benzene	10.25	91	774791	79.732	ug/l	99
68) m/p-Xylenes	10.36	106	581251	166.360	ug/l	97
69) o-Xylene	10.70	106	179237	52.934	ug/l	98
70) Styrene	10.71	104	285249	48.872	ug/l	100
71) Bromoform	10.86	173	74335	53.237	ug/l #	100
73) Isopropylbenzene	11.02	105	461853	50.510	ug/l	100
74) N-amyl acetate	10.90	43	258326	48.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163885	47.127	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	162529m	53.623	ug/l	
77) Bromobenzene	11.26	156	108108	49.181	ug/l	95
78) n-propylbenzene	11.36	91	545698	51.255	ug/l	99
79) 2-Chlorotoluene	11.42	91	308374	47.863	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	386641	50.374	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50531	45.956	ug/l	96
82) 4-Chlorotoluene	11.51	91	342540	45.930	ug/l	99
83) tert-Butylbenzene	11.77	119	352312	47.711	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	661459	85.110	ug/l	98
85) sec-Butylbenzene	11.94	105	418008	47.657	ug/l	98
86) p-Isopropyltoluene	12.06	119	388386	49.334	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187911	47.751	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189091	47.453	ug/l	99
89) n-Butylbenzene	12.39	91	346462	46.927	ug/l	97
90) Hexachloroethane	12.60	117	69903	53.535	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	185517	47.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44266	57.865	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	128629	47.349	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
Data File : VX008922.D
Acq On : 13 Apr 2019 05:55
Operator : JC/SP
Sample : K2367-09MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Manual Integrations
APPROVED

MMDadoda
4/13/2019 2:12:53 PM

Quant Time: Apr 13 07:15:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52075	39.970	ug/l	99
95) Naphthalene	13.83	128	571661	62.962	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129215	47.606	ug/l	99

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

