

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015605.D
 Acq On : 09 Apr 2020 18:38
 Operator : JC/SP
 Sample : L2190-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

Manual Integrations
 APPROVED

sam
 4/10/2020 2:12:52 PM

Quant Time: Apr 10 09:10:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1182774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1824856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1716661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	894589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	777520	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	5.47	113	564325	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	8.70	98	2103267	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.12	95	857991	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	476649	45.742	ug/l	99
3) Chloromethane	1.31	50	574381	43.283	ug/l	99
4) Vinyl Chloride	1.39	62	704805	57.841	ug/l	100
5) Bromomethane	1.63	94	326104	59.613	ug/l	98
6) Chloroethane	1.71	64	348042	46.054	ug/l	98
7) Trichlorofluoromethane	1.92	101	800849	49.008	ug/l	99
8) Diethyl Ether	2.17	74	318990	46.280	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	501340	47.061	ug/l	98
10) Methyl Iodide	2.49	142	744355	51.825	ug/l	99
11) Tert butyl alcohol	3.01	59	738137	184.864	ug/l	99
12) 1,1-Dichloroethene	2.36	96	532868	47.720	ug/l	97
13) Acrolein	2.27	56	265875	116.893	ug/l	99
14) Allyl chloride	2.71	41	1133374	43.438	ug/l	98
15) Acrylonitrile	3.12	53	1710124	224.582	ug/l	99
16) Acetone	2.42	43	1577039	220.046	ug/l	99
17) Carbon Disulfide	2.55	76	1395154	40.956	ug/l	100
18) Methyl Acetate	2.75	43	820055	44.832	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1967072	45.420	ug/l	100
20) Methylene Chloride	2.84	84	588995	43.999	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	589842	47.595	ug/l	98
22) Diisopropyl ether	3.83	45	2101674	45.457	ug/l	96
23) Vinyl Acetate	3.79	43	9121894	217.910	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1085803	44.604	ug/l	100
25) 2-Butanone	4.64	43	2454848	212.987	ug/l	100
26) 2,2-Dichloropropane	4.56	77	860130	43.047	ug/l #	52
27) cis-1,2-Dichloroethene	4.57	96	5902054	411.641	ug/l	92
28) Bromochloromethane	4.98	49	562641	48.409	ug/l	98
29) Tetrahydrofuran	5.09	42	1593050	214.997	ug/l	99
30) Chloroform	5.18	83	1063938	45.428	ug/l	100
31) Cyclohexane	5.56	56	957908	45.361	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	983102	46.383	ug/l	99
36) 1,1-Dichloropropene	5.77	75	795096	47.288	ug/l	99
37) Ethyl Acetate	4.80	43	960609	43.877	ug/l #	82
38) Carbon Tetrachloride	5.76	117	861193	47.289	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015605.D
 Acq On : 09 Apr 2020 18:38
 Operator : JC/SP
 Sample : L2190-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

Manual Integrations
 APPROVED

sam
 4/10/2020 2:12:52 PM

Quant Time: Apr 10 09:10:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	921607	47.538	ug/l	97
40) Benzene	6.12	78	2302243	46.743	ug/l	97
41) Methacrylonitrile	5.01	41	574705	47.288	ug/l	99
42) 1,2-Dichloroethane	6.17	62	939502	47.488	ug/l	99
43) Isopropyl Acetate	6.42	43	1676073	45.351	ug/l	100
44) Trichloroethene	7.19	130	2086906	155.362	ug/l	96
45) 1,2-Dichloropropane	7.50	63	622690	46.215	ug/l	99
46) Dibromomethane	7.64	93	411157	46.519	ug/l	96
47) Bromodichloromethane	7.88	83	885529	47.020	ug/l	98
48) Methyl methacrylate	7.75	41	858352	46.498	ug/l	99
49) 1,4-Dioxane	7.72	88	261534	759.455	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4891057	233.522	ug/l	100
52) Toluene	8.77	92	1449509	47.735	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1011446	45.793	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1044914	46.441	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	594573	47.792	ug/l	99
56) Ethyl methacrylate	9.16	69	1027779	46.876	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1036919	46.261	ug/l	100
59) 2-Hexanone	9.48	43	3703788	234.227	ug/l	100
60) Dibromochloromethane	9.57	129	718027	48.030	ug/l	100
61) 1,2-Dibromoethane	9.65	107	632884	46.785	ug/l	97
64) Tetrachloroethene	9.32	164	1994215	153.931	ug/l	99
65) Chlorobenzene	10.12	112	1591638	46.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	632036	46.211	ug/l	99
67) Ethyl Benzene	10.24	91	2845684	46.866	ug/l	100
68) m/p-Xylenes	10.34	106	2137827	94.552	ug/l	98
69) o-Xylene	10.68	106	1046468	46.838	ug/l	99
70) Stvrene	10.70	104	1851714	47.099	ug/l	99
71) Bromoform	10.84	173	574137	46.112	ug/l #	99
73) Isopropylbenzene	11.01	105	2744064	46.815	ug/l	99
74) N-amyl acetate	10.88	43	1447301	44.395	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	920146	45.749	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	865685m	47.057	ug/l	
77) Bromobenzene	11.24	156	751450	48.062	ug/l	96
78) n-propylbenzene	11.35	91	3148774	46.979	ug/l	99
79) 2-Chlorotoluene	11.41	91	1918569	46.702	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2342179	46.788	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	338396	44.137	ug/l	99
82) 4-Chlorotoluene	11.49	91	2259518	46.917	ug/l	99
83) tert-Butylbenzene	11.76	119	2335613	47.766	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2434664	47.727	ug/l	99
85) sec-Butylbenzene	11.93	105	2687004	47.514	ug/l	99
86) p-Isopropyltoluene	12.05	119	2532717	48.243	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1342755	47.973	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1359203	47.674	ug/l	99
89) n-Butylbenzene	12.37	91	2274044	47.933	ug/l	99
90) Hexachloroethane	12.58	117	447216	43.766	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1297498	47.368	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	239746	42.233	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	1014829	46.838	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
Data File : VX015605.D
Acq On : 09 Apr 2020 18:38
Operator : JC/SP
Sample : L2190-10MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

Manual Integrations
APPROVED

sam
4/10/2020 2:12:52 PM

Quant Time: Apr 10 09:10:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	438825	42.540	ug/l	96
95) Naphthalene	13.82	128	3116400	47.153	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	999684	47.922	ug/l	99

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

