

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082820\
 Data File : VX018134.D
 Acq On : 28 Aug 2020 20:29
 Operator : JC/SP
 Sample : L3823-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:57:57 AM

Quant Time: Aug 29 04:30:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	533573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	888203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	861529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	436519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	394893	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.47	113	304857	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	8.70	98	1123817	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.12	95	446926	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	328797	50.613	ug/l	99
3) Chloromethane	1.32	50	331088	48.341	ug/l	95
4) Vinyl Chloride	1.39	62	315021	46.205	ug/l	97
5) Bromomethane	1.62	94	203133	61.771	ug/l	98
6) Chloroethane	1.71	64	180702	49.347	ug/l	99
7) Trichlorofluoromethane	1.92	101	484545	52.121	ug/l	99
8) Diethyl Ether	2.17	74	156017	49.486	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	228991	45.561	ug/l	98
10) Methyl Iodide	2.49	142	307753	56.467	ug/l	99
11) Tert butyl alcohol	3.03	59	396549	275.332	ug/l	98
12) 1,1-Dichloroethene	2.36	96	225937	43.330	ug/l	93
13) Acrolein	2.28	56	62346	104.398	ug/l	97
14) Allyl chloride	2.71	41	459729	49.073	ug/l	99
15) Acrylonitrile	3.12	53	863100	264.183	ug/l	100
16) Acetone	2.42	43	816556	282.902	ug/l	96
17) Carbon Disulfide	2.55	76	737199	46.768	ug/l	100
18) Methyl Acetate	2.75	43	404458	58.069	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	932113	52.124	ug/l	98
20) Methylene Chloride	2.84	84	329164	55.912	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	278687	48.240	ug/l	98
22) Diisopropyl ether	3.83	45	939171	50.794	ug/l	97
23) Vinyl Acetate	3.79	43	4297580	261.210	ug/l	100
24) 1,1-Dichloroethane	3.67	63	518683	49.279	ug/l	99
25) 2-Butanone	4.64	43	1293925	272.772	ug/l	99
26) 2,2-Dichloropropane	4.55	77	368864	43.072	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	320233	48.111	ug/l	99
28) Bromochloromethane	4.98	49	256751	50.536	ug/l	99
29) Tetrahydrofuran	5.09	42	813786	269.493	ug/l	99
30) Chloroform	5.18	83	551509	50.604	ug/l	100
31) Cyclohexane	5.55	56	436955	49.284	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	510201	51.013	ug/l	100
36) 1,1-Dichloropropene	5.77	75	398666	48.663	ug/l	100
37) Ethyl Acetate	4.80	43	481439	50.598	ug/l	99
38) Carbon Tetrachloride	5.76	117	467745	50.664	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082820\
 Data File : VX018134.D
 Acq On : 28 Aug 2020 20:29
 Operator : JC/SP
 Sample : L3823-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:57:57 AM

Quant Time: Aug 29 04:30:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	442366	49.382	ug/l	97
40) Benzene	6.12	78	1170425	48.621	ug/l	98
41) Methacrylonitrile	5.01	41	259789	49.726	ug/l	99
42) 1,2-Dichloroethane	6.17	62	464363	50.349	ug/l	98
43) Isopropyl Acetate	6.42	43	920771	59.914	ug/l	100
44) Trichloroethene	7.19	130	322470	47.410	ug/l	98
45) 1,2-Dichloropropane	7.49	63	318170	49.041	ug/l	96
46) Dibromomethane	7.64	93	224766	49.265	ug/l	99
47) Bromodichloromethane	7.88	83	463278	50.856	ug/l	99
48) Methyl methacrylate	7.75	41	390210	51.005	ug/l	99
49) 1,4-Dioxane	7.71	88	145488	1049.838	ug/l #	78
51) 4-Methyl-2-Pentanone	8.62	43	2649488	279.095	ug/l	98
52) Toluene	8.77	92	752430	49.294	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	502222	49.743	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	501104	46.853	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	328582	50.473	ug/l	97
56) Ethyl methacrylate	9.16	69	495134	51.161	ug/l	99
57) 1,3-Dichloropropane	9.35	76	531004	49.454	ug/l	99
59) 2-Hexanone	9.48	43	1971719	273.150	ug/l	99
60) Dibromochloromethane	9.57	129	391216	51.227	ug/l	99
61) 1,2-Dibromoethane	9.65	107	357265	50.549	ug/l	98
64) Tetrachloroethene	9.32	164	299571	47.318	ug/l	96
65) Chlorobenzene	10.12	112	853185	49.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	345234	50.907	ug/l	98
67) Ethyl Benzene	10.24	91	1486120	50.788	ug/l	99
68) m/p-Xylenes	10.34	106	1114240	102.020	ug/l	98
69) o-Xylene	10.68	106	544113	51.392	ug/l	99
70) Styrene	10.70	104	924519	51.276	ug/l	97
71) Bromoform	10.84	173	295169	51.027	ug/l	99
73) Isopropylbenzene	11.00	105	1472206	51.130	ug/l	99
74) N-amyl acetate	10.88	43	719087	52.636	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	478136	47.073	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	457391m	47.103	ug/l	
77) Bromobenzene	11.24	156	383349	48.165	ug/l	99
78) n-propylbenzene	11.34	91	1674771	51.227	ug/l	99
79) 2-Chlorotoluene	11.40	91	991148	49.070	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1243875	52.571	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	164999	45.892	ug/l	99
82) 4-Chlorotoluene	11.49	91	1197187	49.857	ug/l	100
83) tert-Butylbenzene	11.76	119	1226923	52.544	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1247728	51.579	ug/l	99
85) sec-Butylbenzene	11.93	105	1391934	52.419	ug/l	99
86) p-Isopropyltoluene	12.05	119	1308212	53.634	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	678834	48.579	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	656779	46.941	ug/l	100
89) n-Butylbenzene	12.37	91	1119411	50.282	ug/l	99
90) Hexachloroethane	12.58	117	256352	53.419	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	653330	49.668	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	127650	50.262	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	428797	48.886	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
Data File : VX018134.D
Acq On : 28 Aug 2020 20:29
Operator : JC/SP
Sample : L3823-02MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

Manual Integrations
APPROVED

MMDadoda
8/31/2020 8:57:57 AM

Quant Time: Aug 29 04:30:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	174377	50.402	ug/l	97
95) Naphthalene	13.82	128	1529458	52.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	446140	51.476	ug/l	99

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

