

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092420\
 Data File : VX018583.D
 Acq On : 24 Sep 2020 19:16
 Operator : JC/SP
 Sample : L4118-19MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MS

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:22:05 PM

Quant Time: Sep 25 02:33:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	390607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	602525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	587300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	313749	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	282852	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.47	113	214936	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	8.70	98	771088	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.12	95	301876	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	197906	53.440	ug/l	98
3) Chloromethane	1.31	50	207119	47.772	ug/l	100
4) Vinyl Chloride	1.39	62	220267	47.990	ug/l	100
5) Bromomethane	1.64	94	153393	54.451	ug/l	97
6) Chloroethane	1.72	64	127469	48.525	ug/l	99
7) Trichlorofluoromethane	1.92	101	381118	54.658	ug/l	92
8) Diethyl Ether	2.17	74	118651	48.499	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212971	56.745	ug/l	98
10) Methyl Iodide	2.50	142	212428	46.163	ug/l	95
11) Tert butyl alcohol	3.05	59	208774	217.144	ug/l	100
12) 1,1-Dichloroethene	2.36	96	197237	52.141	ug/l	94
13) Acrolein	2.28	56	176429	289.807	ug/l	97
14) Allyl chloride	2.71	41	335852	45.816	ug/l	95
15) Acrylonitrile	3.12	53	556483	242.575	ug/l	99
16) Acetone	2.43	43	487282	230.584	ug/l	97
17) Carbon Disulfide	2.56	76	541724	47.952	ug/l	97
18) Methyl Acetate	2.75	43	246369	47.054	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	693645	52.236	ug/l	99
20) Methylene Chloride	2.84	84	222756	47.775	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	217749	49.530	ug/l	97
22) Diisopropyl ether	3.82	45	697381	50.612	ug/l	98
23) Vinyl Acetate	3.79	43	2900416	237.550	ug/l	100
24) 1,1-Dichloroethane	3.67	63	400541	50.405	ug/l	98
25) 2-Butanone	4.64	43	767992	233.369	ug/l	100
26) 2,2-Dichloropropane	4.56	77	314041	42.772	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	250182	50.772	ug/l	98
28) Bromochloromethane	4.98	49	188139	50.596	ug/l	99
29) Tetrahydrofuran	5.10	42	500892	241.487	ug/l	99
30) Chloroform	5.18	83	438179	54.347	ug/l	96
31) Cyclohexane	5.56	56	321240	48.039	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	403253	53.312	ug/l	99
36) 1,1-Dichloropropene	5.77	75	301859	51.616	ug/l	99
37) Ethyl Acetate	4.80	43	298633	47.820	ug/l	99
38) Carbon Tetrachloride	5.76	117	378285	58.406	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092420\
 Data File : VX018583.D
 Acq On : 24 Sep 2020 19:16
 Operator : JC/SP
 Sample : L4118-19MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MS

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:22:05 PM

Quant Time: Sep 25 02:33:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	333921	50.823	ug/l	97
40) Benzene	6.12	78	864826	51.601	ug/l	99
41) Methacrylonitrile	5.01	41	173168	49.903	ug/l	99
42) 1,2-Dichloroethane	6.17	62	358100	54.922	ug/l	99
43) Isopropyl Acetate	6.42	43	497889	48.045	ug/l	99
44) Trichloroethene	7.19	130	1693899	349.130	ug/l	98
45) 1,2-Dichloropropane	7.49	63	236710	51.457	ug/l	97
46) Dibromomethane	7.64	93	166413	52.655	ug/l	99
47) Bromodichloromethane	7.88	83	347101	54.495	ug/l	95
48) Methyl methacrylate	7.74	41	257605	51.070	ug/l	98
49) 1,4-Dioxane	7.76	88	70611	847.206	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1590155	257.709	ug/l	99
52) Toluene	8.76	92	554850	52.609	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	370339	51.170	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	369156	49.511	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	234813	53.656	ug/l	97
56) Ethyl methacrylate	9.16	69	341521	52.631	ug/l	98
57) 1,3-Dichloropropane	9.35	76	383830	52.203	ug/l	100
59) 2-Hexanone	9.48	43	1208720	257.546	ug/l	99
60) Dibromochloromethane	9.57	129	292170	55.989	ug/l	98
61) 1,2-Dibromoethane	9.65	107	255079	54.781	ug/l	99
64) Tetrachloroethene	9.32	164	231741	50.120	ug/l	94
65) Chlorobenzene	10.12	112	627058	51.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	252501	52.048	ug/l	98
67) Ethyl Benzene	10.24	91	1088340	51.993	ug/l	98
68) m/p-Xylenes	10.34	106	809765	102.265	ug/l	96
69) o-Xylene	10.68	106	390264	52.048	ug/l	99
70) Styrene	10.70	104	683307	52.778	ug/l	98
71) Bromoform	10.84	173	202770	49.781	ug/l	# 96
73) Isopropylbenzene	11.01	105	1083851	51.711	ug/l	99
74) N-amyl acetate	10.88	43	416047	44.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	346032	49.878	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	314459m	47.694	ug/l	
77) Bromobenzene	11.24	156	274709	47.502	ug/l	99
78) n-propylbenzene	11.35	91	1229039	50.096	ug/l	100
79) 2-Chlorotoluene	11.40	91	732119	49.299	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	922816	51.482	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	114608	44.543	ug/l	96
82) 4-Chlorotoluene	11.49	91	887715	50.287	ug/l	100
83) tert-Butylbenzene	11.76	119	880066	50.568	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	930077	51.522	ug/l	98
85) sec-Butylbenzene	11.93	105	1037692	50.533	ug/l	100
86) p-Isopropyltoluene	12.05	119	981533	52.009	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	502720	48.348	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	518150	49.146	ug/l	99
89) n-Butylbenzene	12.37	91	823068	47.110	ug/l	99
90) Hexachloroethane	12.58	117	182218	48.363	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	499068	51.280	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	85256	50.622	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	309085	45.632	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
Data File : VX018583.D
Acq On : 24 Sep 2020 19:16
Operator : JC/SP
Sample : L4118-19MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MS

Manual Integrations
APPROVED

MMDadoda
9/28/2020 5:22:05 PM

Quant Time: Sep 25 02:33:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	136747	48.111	ug/l	98
95) Naphthalene	13.82	128	1002211	48.994	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	309995	47.889	ug/l	99

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

