

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017690.D
 Acq On : 31 Jul 2020 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:23 PM

Quant Time: Aug 01 03:14:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	540271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	798663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	730906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	401785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	349473	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.46	113	277674	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	8.70	98	924610	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.12	95	393226	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	235232	46.866	ug/l	99
3) Chloromethane	1.31	50	289610	43.415	ug/l	99
4) Vinyl Chloride	1.39	62	291438	42.867	ug/l	99
5) Bromomethane	1.62	94	171473	46.725	ug/l	100
6) Chloroethane	1.70	64	182076	48.545	ug/l	99
7) Trichlorofluoromethane	1.91	101	489544	45.780	ug/l	100
8) Diethyl Ether	2.17	74	165993	47.820	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	264608	45.091	ug/l	97
10) Methyl Iodide	2.49	142	324304	43.197	ug/l	97
11) Tert butyl alcohol	3.02	59	307551	210.267	ug/l	98
12) 1,1-Dichloroethene	2.35	96	250517	44.892	ug/l	99
13) Acrolein	2.27	56	316205	282.603	ug/l	99
14) Allyl chloride	2.70	41	462595	45.398	ug/l	99
15) Acrylonitrile	3.12	53	717902	227.242	ug/l	100
16) Acetone	2.42	43	618621	202.525	ug/l	94
17) Carbon Disulfide	2.55	76	685347	40.406	ug/l	100
18) Methyl Acetate	2.75	43	338275	47.023	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	876520	45.380	ug/l	100
20) Methylene Chloride	2.83	84	280696	48.761	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	271391	45.397	ug/l	99
22) Diisopropyl ether	3.82	45	888859	47.707	ug/l	95
23) Vinyl Acetate	3.78	43	3952544	237.929	ug/l	98
24) 1,1-Dichloroethane	3.67	63	501760	46.750	ug/l	100
25) 2-Butanone	4.63	43	987672	227.611	ug/l	99
26) 2,2-Dichloropropane	4.55	77	478733	49.830	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	305384	47.031	ug/l	100
28) Bromochloromethane	4.98	49	221003	45.440	ug/l	96
29) Tetrahydrofuran	5.09	42	628632	233.877	ug/l	100
30) Chloroform	5.17	83	519101	47.335	ug/l	96
31) Cyclohexane	5.54	56	408012	47.671	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	491951	47.572	ug/l	100
36) 1,1-Dichloropropene	5.77	75	383070	50.010	ug/l	100
37) Ethyl Acetate	4.79	43	396368	47.293	ug/l	99
38) Carbon Tetrachloride	5.75	117	460505	49.507	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017690.D
 Acq On : 31 Jul 2020 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:23 PM

Quant Time: Aug 01 03:14:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	427256	47.781	ug/l	96
40) Benzene	6.11	78	1068470	48.654	ug/l	99
41) Methacrylonitrile	5.00	41	219070	45.602	ug/l	99
42) 1,2-Dichloroethane	6.16	62	439613	48.932	ug/l	99
43) Isopropyl Acetate	6.41	43	654608	47.338	ug/l	99
44) Trichloroethene	7.19	130	325968	50.791	ug/l	93
45) 1,2-Dichloropropane	7.49	63	281051	46.166	ug/l	100
46) Dibromomethane	7.63	93	188180	43.739	ug/l	98
47) Bromodichloromethane	7.87	83	407280	47.047	ug/l	98
48) Methyl methacrylate	7.74	41	306639	44.735	ug/l	98
49) 1,4-Dioxane	7.71	88	115979	882.516	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1923303	233.104	ug/l	100
52) Toluene	8.76	92	656514	46.615	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	469535	48.452	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	474082	47.963	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	280720	47.848	ug/l	99
56) Ethyl methacrylate	9.16	69	412891	46.712	ug/l	99
57) 1,3-Dichloropropane	9.35	76	452432	46.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1030551	221.301	ug/l	98
59) 2-Hexanone	9.47	43	1443370	232.354	ug/l	99
60) Dibromochloromethane	9.57	129	348782	46.773	ug/l	98
61) 1,2-Dibromoethane	9.65	107	294011	47.070	ug/l	98
64) Tetrachloroethene	9.32	164	332269	50.650	ug/l	95
65) Chlorobenzene	10.12	112	744008	47.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	313341	49.074	ug/l	99
67) Ethyl Benzene	10.23	91	1318158	49.913	ug/l	96
68) m/p-Xylenes	10.34	106	1031228	100.797	ug/l	98
69) o-Xylene	10.68	106	510941	51.927	ug/l	99
70) Styrene	10.69	104	907393	54.201	ug/l	99
71) Bromoform	10.84	173	282957	51.151	ug/l #	98
73) Isopropylbenzene	11.00	105	1425699	51.725	ug/l	99
74) N-amyl acetate	10.88	43	593347	48.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	395299	45.947	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	391225m	47.336	ug/l	
77) Bromobenzene	11.24	156	379930	49.237	ug/l	97
78) n-propylbenzene	11.35	91	1581178	50.863	ug/l	98
79) 2-Chlorotoluene	11.40	91	955055	49.595	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1209695	51.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	157169	47.917	ug/l	95
82) 4-Chlorotoluene	11.49	91	1146224	50.459	ug/l	98
83) tert-Butylbenzene	11.76	119	1151350	51.129	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1213168	51.829	ug/l	99
85) sec-Butylbenzene	11.93	105	1363538	51.980	ug/l	99
86) p-Isopropyltoluene	12.05	119	1257062	50.321	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	664607	50.156	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	662024	48.233	ug/l	100
89) n-Butylbenzene	12.37	91	1127924	50.671	ug/l	99
90) Hexachloroethane	12.58	117	237102	48.142	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	624503	47.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108888	45.024	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
Data File : VX017690.D
Acq On : 31 Jul 2020 10:27
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:23 PM

Quant Time: Aug 01 03:14:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	465392	52.360	ug/l	99
94) Hexachlorobutadiene	13.77	225	212408	51.915	ug/l	99
95) Naphthalene	13.82	128	1360179	51.263	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	448303	51.082	ug/l	98

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

