

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073020\
 Data File : VX017687.D
 Acq On : 30 Jul 2020 17:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:58:05 AM

Quant Time: Jul 31 06:39:45 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	5.64	168	525281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	778326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	743073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	380079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	371583	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
35) Dibromofluoromethane	5.47	113	290393	55.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.58%	
50) Toluene-d8	8.70	98	1036475	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
62) 4-Bromofluorobenzene	11.12	95	405629	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	240102	49.253	ug/l	98
3) Chloromethane	1.31	50	299232	46.114	ug/l	99
4) Vinyl Chloride	1.39	62	297085	44.945	ug/l	98
5) Bromomethane	1.62	94	175840	49.460	ug/l	100
6) Chloroethane	1.71	64	187684	51.515	ug/l	98
7) Trichlorofluoromethane	1.92	101	492341	47.355	ug/l	98
8) Diethyl Ether	2.17	74	169295	50.232	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	257981	45.217	ug/l	96
10) Methyl Iodide	2.50	142	333932	45.749	ug/l	97
11) Tert butyl alcohol	3.02	59	330490	232.398	ug/l	99
12) 1,1-Dichloroethene	2.36	96	251170	46.294	ug/l	99
13) Acrolein	2.27	56	290848	267.582	ug/l	98
14) Allyl chloride	2.71	41	484255	48.880	ug/l	99
15) Acrylonitrile	3.12	53	743645	242.108	ug/l	99
16) Acetone	2.42	43	716833	241.374	ug/l	95
17) Carbon Disulfide	2.55	76	690657	41.881	ug/l	99
18) Methyl Acetate	2.75	43	356031	50.903	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	890913	47.442	ug/l	97
20) Methylene Chloride	2.84	84	292783	52.408	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	271353	46.686	ug/l	96
22) Diisopropyl ether	3.82	45	873200	48.204	ug/l #	86
23) Vinyl Acetate	3.79	43	3935207	243.645	ug/l	100
24) 1,1-Dichloroethane	3.67	63	497589	47.685	ug/l	99
25) 2-Butanone	4.64	43	1023078	242.498	ug/l	99
26) 2,2-Dichloropropane	4.56	77	447986	47.960	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	298405	47.267	ug/l	100
28) Bromochloromethane	4.99	49	219091	46.332	ug/l	95
29) Tetrahydrofuran	5.09	42	644696	246.698	ug/l	100
30) Chloroform	5.18	83	519617	48.734	ug/l	99
31) Cyclohexane	5.56	56	388242	46.656	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	493739	49.107	ug/l	98
36) 1,1-Dichloropropene	5.77	75	371086	49.711	ug/l	100
37) Ethyl Acetate	4.80	43	391843	47.975	ug/l	99
38) Carbon Tetrachloride	5.76	117	455623	50.262	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073020\
 Data File : VX017687.D
 Acq On : 30 Jul 2020 17:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:58:05 AM

Quant Time: Jul 31 06:39:45 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	410365	47.091	ug/l	99
40) Benzene	6.12	78	1066227	49.820	ug/l	100
41) Methacrylonitrile	5.01	41	223249	47.686	ug/l	98
42) 1,2-Dichloroethane	6.17	62	449808	51.375	ug/l	100
43) Isopropyl Acetate	6.42	43	651124	48.317	ug/l	99
44) Trichloroethene	7.19	130	320512	51.246	ug/l	97
45) 1,2-Dichloropropane	7.49	63	281666	47.476	ug/l	100
46) Dibromomethane	7.64	93	201640	48.092	ug/l	99
47) Bromodichloromethane	7.88	83	426069	50.504	ug/l	99
48) Methyl methacrylate	7.75	41	332934	49.840	ug/l	97
49) 1,4-Dioxane	7.72	88	127216	993.315	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2096477	260.732	ug/l	99
52) Toluene	8.77	92	695317	50.660	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	478063	50.621	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	485111	50.361	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	289213	50.583	ug/l	98
56) Ethyl methacrylate	9.16	69	446083	51.786	ug/l	99
57) 1,3-Dichloropropane	9.35	76	470799	50.007	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1142580	251.769	ug/l	98
59) 2-Hexanone	9.48	43	1527988	252.403	ug/l	100
60) Dibromochloromethane	9.57	129	361857	49.794	ug/l	99
61) 1,2-Dibromoethane	9.65	107	308163	50.625	ug/l	97
64) Tetrachloroethene	9.32	164	315677	47.333	ug/l	96
65) Chlorobenzene	10.12	112	775061	48.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	315608	48.620	ug/l	99
67) Ethyl Benzene	10.24	91	1298099	48.349	ug/l	100
68) m/p-Xylenes	10.34	106	985955	94.794	ug/l	97
69) o-Xylene	10.68	106	494146	49.398	ug/l	100
70) Styrene	10.70	104	857624	50.389	ug/l	99
71) Bromoform	10.84	173	268002	47.654	ug/l #	98
73) Isopropylbenzene	11.00	105	1331573	51.069	ug/l	100
74) N-amyl acetate	10.88	43	534955	46.177	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	367336	45.135	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	360495m	46.109	ug/l	
77) Bromobenzene	11.24	156	348193	47.701	ug/l	99
78) n-propylbenzene	11.34	91	1500085	51.010	ug/l	99
79) 2-Chlorotoluene	11.41	91	898407	49.318	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1149888	51.652	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	152624	49.189	ug/l	98
82) 4-Chlorotoluene	11.49	91	1083609	50.427	ug/l	100
83) tert-Butylbenzene	11.76	119	1054033	49.481	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1087451	49.111	ug/l	100
85) sec-Butylbenzene	11.93	105	1227667	49.473	ug/l	100
86) p-Isopropyltoluene	12.05	119	1164822	49.291	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	597623	47.676	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	611918	47.129	ug/l	100
89) n-Butylbenzene	12.37	91	1098049	52.146	ug/l	100
90) Hexachloroethane	12.58	117	235512	50.550	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	628625	51.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	109292	47.615	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
Data File : VX017687.D
Acq On : 30 Jul 2020 17:28
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/31/2020 11:58:05 AM

Quant Time: Jul 31 06:39:45 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	418539	49.778	ug/l	99
94) Hexachlorobutadiene	13.77	225	183192	47.332	ug/l	98
95) Naphthalene	13.82	128	1300432	51.810	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	437664	52.718	ug/l	99

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

