

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019809.D
 Acq On : 10 Dec 2020 04:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:23 AM

Quant Time: Dec 10 07:24:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	273955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	420262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211754	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	172722	47.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.94%		
35) Dibromofluoromethane	5.46	113	140940	47.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.28%		
50) Toluene-d8	8.70	98	539833	47.80	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.60%		
62) 4-Bromofluorobenzene	11.12	95	202355	47.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.14%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	126212	50.320	ug/l	98
3) Chloromethane	1.31	50	133947	45.410	ug/l	100
4) Vinyl Chloride	1.39	62	161619	51.963	ug/l	99
5) Bromomethane	1.62	94	48700	47.156	ug/l	99
6) Chloroethane	1.70	64	102579	54.903	ug/l	97
7) Trichlorofluoromethane	1.91	101	228624	52.781	ug/l	96
8) Diethyl Ether	2.17	74	95259	51.897	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	132744	53.466	ug/l	99
10) Methyl Iodide	2.49	142	169085	46.204	ug/l	100
11) Tert butyl alcohol	3.01	59	204169	276.094	ug/l	99
12) 1,1-Dichloroethene	2.36	96	136059	54.206	ug/l	99
13) Acrolein	2.27	56	87521	220.215	ug/l	99
14) Allyl chloride	2.70	41	215001	50.717	ug/l	98
15) Acrylonitrile	3.11	53	438626	269.472	ug/l	99
16) Acetone	2.42	43	347285	256.609	ug/l	100
17) Carbon Disulfide	2.55	76	341492	47.416	ug/l	99
18) Methyl Acetate	2.75	43	187405	56.587	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	493204	53.955	ug/l	99
20) Methylene Chloride	2.83	84	163847	53.119	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	152424	52.087	ug/l	98
22) Diisopropyl ether	3.82	45	465397	54.299	ug/l	94
23) Vinyl Acetate	3.78	43	1988300	272.290	ug/l	100
24) 1,1-Dichloroethane	3.67	63	274337	53.078	ug/l	99
25) 2-Butanone	4.63	43	562775	270.619	ug/l	99
26) 2,2-Dichloropropane	4.55	77	185022	41.568	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	177854	51.935	ug/l	97
28) Bromochloromethane	4.98	49	121388	49.266	ug/l	99
29) Tetrahydrofuran	5.09	42	362802	270.778	ug/l	100
30) Chloroform	5.17	83	282984	53.247	ug/l	99
31) Cyclohexane	5.54	56	234450	52.346	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	244203	53.358	ug/l	100
36) 1,1-Dichloropropene	5.76	75	205833	49.761	ug/l	100
37) Ethyl Acetate	4.79	43	216194	51.765	ug/l	99
38) Carbon Tetrachloride	5.75	117	208688	51.520	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019809.D
 Acq On : 10 Dec 2020 04:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:23 AM

Quant Time: Dec 10 07:24:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	240378	49.462	ug/l	99
40) Benzene	6.11	78	643916	50.960	ug/l	99
41) Methacrylonitrile	5.00	41	117990	51.455	ug/l	98
42) 1,2-Dichloroethane	6.16	62	220727	51.128	ug/l	100
43) Isopropyl Acetate	6.41	43	349696	51.501	ug/l	100
44) Trichloroethene	7.18	130	167002	50.373	ug/l	99
45) 1,2-Dichloropropane	7.49	63	164121	51.970	ug/l	98
46) Dibromomethane	7.63	93	110366	51.751	ug/l	99
47) Bromodichloromethane	7.87	83	220019	51.991	ug/l	99
48) Methyl methacrylate	7.74	41	174547	52.269	ug/l	99
49) 1,4-Dioxane	7.71	88	84862	1049.023	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1108815	267.472	ug/l	100
52) Toluene	8.76	92	405546	51.317	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	234149	49.861	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	257916	50.554	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	166175	52.179	ug/l	99
56) Ethyl methacrylate	9.16	69	258491	53.647	ug/l	98
57) 1,3-Dichloropropane	9.35	76	279797	51.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	677146	265.278	ug/l	99
59) 2-Hexanone	9.47	43	851203	264.896	ug/l	99
60) Dibromochloromethane	9.56	129	170674	52.748	ug/l	99
61) 1,2-Dibromoethane	9.65	107	174589	51.626	ug/l	100
64) Tetrachloroethene	9.32	164	143450	50.898	ug/l	98
65) Chlorobenzene	10.12	112	426599	50.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	161717	53.662	ug/l	99
67) Ethyl Benzene	10.23	91	770084	51.815	ug/l	100
68) m/p-Xylenes	10.34	106	582197	103.959	ug/l	99
69) o-Xylene	10.68	106	280990	52.159	ug/l	99
70) Styrene	10.70	104	476461	52.399	ug/l	99
71) Bromoform	10.84	173	126680	53.435	ug/l #	100
73) Isopropylbenzene	11.00	105	756306	52.278	ug/l	99
74) N-amyl acetate	10.88	43	299153	51.600	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	265785	52.110	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	245274m	51.644	ug/l	
77) Bromobenzene	11.24	156	189482	51.180	ug/l	98
78) n-propylbenzene	11.34	91	856997	51.866	ug/l	99
79) 2-Chlorotoluene	11.40	91	518341	50.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	632428	51.797	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	79119	48.159	ug/l	99
82) 4-Chlorotoluene	11.49	91	605616	50.819	ug/l	98
83) tert-Butylbenzene	11.75	119	621827	51.928	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	640940	52.113	ug/l	100
85) sec-Butylbenzene	11.93	105	711794	52.063	ug/l	100
86) p-Isopropyltoluene	12.05	119	659381	52.625	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	338745	49.852	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	341323	49.318	ug/l	100
89) n-Butylbenzene	12.37	91	559714	50.420	ug/l	100
90) Hexachloroethane	12.58	117	114360	52.866	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	343847	51.910	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59112	53.911	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
Data File : VX019809.D
Acq On : 10 Dec 2020 04:34
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:31:23 AM

Quant Time: Dec 10 07:24:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	219623	50.934	ug/l	99
94) Hexachlorobutadiene	13.77	225	95442	49.523	ug/l	100
95) Naphthalene	13.82	128	776073	55.517	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	221450	52.551	ug/l	99

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

