

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012020\
 Data File : VX014671.D
 Acq On : 20 Jan 2020 16:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 2:15:03 PM

Quant Time: Jan 21 00:54:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	445160	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	664088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	254948	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
35) Dibromofluoromethane	5.48	113	208555	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	8.71	98	800854	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	287029	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	265016	47.961	ug/l	99
3) Chloromethane	1.32	50	271515	47.849	ug/l	99
4) Vinyl Chloride	1.40	62	318719	50.406	ug/l	97
5) Bromomethane	1.63	94	197497	47.120	ug/l	96
6) Chloroethane	1.72	64	174295	50.601	ug/l	97
7) Trichlorofluoromethane	1.92	101	349785	48.766	ug/l	99
8) Diethyl Ether	2.18	74	154627	47.253	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222614	51.014	ug/l	97
10) Methyl Iodide	2.50	142	282405	54.046	ug/l	100
11) Tert butyl alcohol	3.03	59	229426	221.107	ug/l	99
12) 1,1-Dichloroethene	2.36	96	216960	49.347	ug/l	97
13) Acrolein	2.28	56	212219	255.169	ug/l	99
14) Allyl chloride	2.72	41	383001	49.618	ug/l	98
15) Acrylonitrile	3.12	53	626682	250.239	ug/l	99
16) Acetone	2.43	43	520772	208.305	ug/l	97
17) Carbon Disulfide	2.56	76	539153	43.949	ug/l	100
18) Methyl Acetate	2.76	43	382900	53.609	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	715725	50.711	ug/l	100
20) Methylene Chloride	2.84	84	247009	49.409	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	224521	46.776	ug/l	98
22) Diisopropyl ether	3.84	45	790527	52.994	ug/l	100
23) Vinyl Acetate	3.80	43	3100188	268.432	ug/l	99
24) 1,1-Dichloroethane	3.69	63	418967	51.629	ug/l	99
25) 2-Butanone	4.65	43	855220	230.388	ug/l	98
26) 2,2-Dichloropropane	4.57	77	337401	49.082	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	262406	48.904	ug/l	98
28) Bromochloromethane	5.00	49	168566	49.297	ug/l	93
29) Tetrahydrofuran	5.11	42	556367	253.501	ug/l	98
30) Chloroform	5.19	83	409661	51.661	ug/l	99
31) Cyclohexane	5.56	56	378682	49.855	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	345025	50.831	ug/l	98
36) 1,1-Dichloropropene	5.78	75	313707	50.232	ug/l	98
37) Ethyl Acetate	4.81	43	335677	49.484	ug/l	99
38) Carbon Tetrachloride	5.77	117	300809	52.342	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012020\
 Data File : VX014671.D
 Acq On : 20 Jan 2020 16:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 2:15:03 PM

Quant Time: Jan 21 00:54:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	393751	50.185	ug/l	98
40) Benzene	6.13	78	945360	51.003	ug/l	99
41) Methacrylonitrile	5.02	41	194158	53.672	ug/l	97
42) 1,2-Dichloroethane	6.17	62	333004	51.383	ug/l	99
43) Isopropyl Acetate	6.43	43	564114	51.478	ug/l	99
44) Trichloroethene	7.20	130	259987	48.808	ug/l	96
45) 1,2-Dichloropropane	7.50	63	249651	52.829	ug/l	97
46) Dibromomethane	7.65	93	158672	48.107	ug/l	98
47) Bromodichloromethane	7.89	83	324379	54.049	ug/l	99
48) Methyl methacrylate	7.76	41	282074	53.744	ug/l	99
49) 1,4-Dioxane	7.73	88	99945	898.713	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1741251	260.757	ug/l	99
52) Toluene	8.78	92	594718	50.122	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	359599	51.466	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	400777	53.098	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	240947	50.557	ug/l	98
56) Ethyl methacrylate	9.17	69	384295	52.632	ug/l	99
57) 1,3-Dichloropropane	9.36	76	406761	51.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	635525	255.825	ug/l	98
59) 2-Hexanone	9.48	43	1300107	246.062	ug/l	99
60) Dibromochloromethane	9.57	129	256784	53.606	ug/l	100
61) 1,2-Dibromoethane	9.67	107	251400	49.798	ug/l	100
64) Tetrachloroethene	9.33	164	270967	44.888	ug/l	99
65) Chlorobenzene	10.13	112	642641	49.165	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	241125	51.691	ug/l	99
67) Ethyl Benzene	10.25	91	1141856	51.252	ug/l	99
68) m/p-Xylenes	10.35	106	868527	101.049	ug/l	97
69) o-Xylene	10.69	106	419851	51.196	ug/l	99
70) Styrene	10.71	104	729710	51.560	ug/l	99
71) Bromoform	10.85	173	200065	52.420	ug/l #	100
73) Isopropylbenzene	11.01	105	1126124	51.605	ug/l	100
74) N-amyl acetate	10.89	43	490381	50.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	360120	51.459	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	312003m	48.526	ug/l	
77) Bromobenzene	11.25	156	289767	47.882	ug/l	99
78) n-propylbenzene	11.35	91	1304998	52.218	ug/l	99
79) 2-Chlorotoluene	11.42	91	751977	50.486	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	944412	52.127	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	126010	51.814	ug/l	98
82) 4-Chlorotoluene	11.51	91	886354	50.696	ug/l	98
83) tert-Butylbenzene	11.76	119	898342	52.478	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	957419	52.298	ug/l	99
85) sec-Butylbenzene	11.94	105	1115563	52.421	ug/l	99
86) p-Isopropyltoluene	12.06	119	1023756	51.842	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	521069	47.977	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	520187	50.994	ug/l	99
89) n-Butylbenzene	12.39	91	918232	50.855	ug/l	99
90) Hexachloroethane	12.59	117	182852	52.714	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	520152	48.883	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76266	48.448	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012020\
Data File : VX014671.D
Acq On : 20 Jan 2020 16:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/21/2020 2:15:03 PM

Quant Time: Jan 21 00:54:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	365051	48.879	ug/l	100
94) Hexachlorobutadiene	13.77	225	178838	51.128	ug/l	98
95) Naphthalene	13.83	128	1049776	45.288	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360593	49.194	ug/l	99

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

