

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005018.D
 Acq On : 04 Oct 2018 15:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:51 PM

Quant Time: Oct 05 03:40:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	267321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173606	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	5.50	113	144249	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
50) Toluene-d8	8.72	98	554995	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.14	95	205668	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	176940	48.545	ug/l	99
3) Chloromethane	1.32	50	186906	42.267	ug/l	100
4) Vinyl Chloride	1.40	62	189037	45.579	ug/l	99
5) Bromomethane	1.64	94	131969	53.659	ug/l	94
6) Chloroethane	1.71	64	111440	49.270	ug/l	97
7) Trichlorofluoromethane	1.92	101	247550	48.213	ug/l	93
8) Diethyl Ether	2.19	74	103194	46.263	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	148317	50.711	ug/l	99
10) Methyl Iodide	2.51	142	161627	41.297	ug/l	94
11) Tert butyl alcohol	3.08	59	257082	240.772	ug/l	98
12) 1,1-Dichloroethene	2.37	96	135278	46.704	ug/l	96
13) Acrolein	2.29	56	83014	109.273	ug/l	91
14) Allyl chloride	2.72	41	301555	47.715	ug/l	97
15) Acrylonitrile	3.15	53	563588	239.773	ug/l	96
16) Acetone	2.45	43	522811	234.505	ug/l	91
17) Carbon Disulfide	2.56	76	366989	42.165	ug/l	99
18) Methyl Acetate	2.78	43	315137	55.791	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	508708	50.916	ug/l	97
20) Methylene Chloride	2.85	84	157816	48.664	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	145120	45.768	ug/l	85
22) Diisopropyl ether	3.87	45	525198	49.350	ug/l	95
23) Vinyl Acetate	3.82	43	2390922	245.438	ug/l	98
24) 1,1-Dichloroethane	3.69	63	293560	46.243	ug/l	100
25) 2-Butanone	4.70	43	773493	235.374	ug/l	98
26) 2,2-Dichloropropane	4.58	77	222916	50.426	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	161842	45.690	ug/l	94
28) Bromochloromethane	5.02	49	131381	43.948	ug/l	100
29) Tetrahydrofuran	5.16	42	496511	243.088	ug/l	99
30) Chloroform	5.21	83	266427	44.407	ug/l	100
31) Cyclohexane	5.57	56	247449	50.929	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	227818	46.495	ug/l	95
36) 1,1-Dichloropropene	5.79	75	202034	45.619	ug/l	95
37) Ethyl Acetate	4.86	43	268057	45.598	ug/l	98
38) Carbon Tetrachloride	5.78	117	198863	42.717	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX005018.D
 Acq On : 04 Oct 2018 15:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:51 PM

Quant Time: Oct 05 03:40:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246352	54.476	ug/l #	83
40) Benzene	6.14	78	606878	43.771	ug/l	96
41) Methacrylonitrile	5.06	41	152096	46.653	ug/l	98
42) 1,2-Dichloroethane	6.20	62	210454	42.938	ug/l	98
43) Isopropyl Acetate	6.46	43	404438	47.665	ug/l	95
44) Trichloroethene	7.21	130	166169	48.752	ug/l	99
45) 1,2-Dichloropropane	7.52	63	164945	48.512	ug/l	99
46) Dibromomethane	7.66	93	104881	49.082	ug/l	100
47) Bromodichloromethane	7.90	83	201204	50.292	ug/l	99
48) Methyl methacrylate	7.78	41	210659	54.699	ug/l	98
49) 1,4-Dioxane	7.76	88	88978	929.962	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1433936	268.400	ug/l	98
52) Toluene	8.79	92	384269	50.439	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	235697	52.134	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	253708	53.577	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	159947	47.929	ug/l	96
56) Ethyl methacrylate	9.18	69	260530	48.218	ug/l	95
57) 1,3-Dichloropropane	9.37	76	268730	48.384	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	728098	253.028	ug/l	98
59) 2-Hexanone	9.50	43	1154181	259.248	ug/l	96
60) Dibromochloromethane	9.59	129	165811	49.682	ug/l	98
61) 1,2-Dibromoethane	9.68	107	166445	46.572	ug/l	96
64) Tetrachloroethene	9.34	164	166049	47.020	ug/l	96
65) Chlorobenzene	10.14	112	432467	47.003	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	156771	48.466	ug/l	99
67) Ethyl Benzene	10.25	91	738297	50.542	ug/l	94
68) m/p-Xylenes	10.36	106	575078	100.746	ug/l	96
69) o-Xylene	10.70	106	278528	53.124	ug/l	98
70) Styrene	10.71	104	468081	47.831	ug/l	100
71) Bromoform	10.86	173	134611	48.609	ug/l	95
73) Isopropylbenzene	11.02	105	745752	53.462	ug/l	99
74) N-amyl acetate	10.90	43	368101	48.080	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	263648	46.431	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	248065m	50.011	ug/l	
77) Bromobenzene	11.26	156	198305	48.944	ug/l	100
78) n-propylbenzene	11.36	91	865863	54.100	ug/l	100
79) 2-Chlorotoluene	11.42	91	509388	51.060	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	637050	49.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	80820	44.660	ug/l	95
82) 4-Chlorotoluene	11.51	91	608286	51.802	ug/l	100
83) tert-Butylbenzene	11.77	119	632356	55.060	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	657963	49.903	ug/l	100
85) sec-Butylbenzene	11.94	105	757694	54.164	ug/l	100
86) p-Isopropyltoluene	12.07	119	687856	54.273	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	370447	48.965	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	373984	47.886	ug/l	99
89) n-Butylbenzene	12.39	91	620310	53.891	ug/l	99
90) Hexachloroethane	12.60	117	103566	49.079	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	371577	46.997	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63480	50.916	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005018.D
Acq On : 04 Oct 2018 15:05
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/5/2018 3:24:51 PM

Quant Time: Oct 05 03:40:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286115	51.588	ug/l	100
94) Hexachlorobutadiene	13.79	225	143376	49.853	ug/l	99
95) Naphthalene	13.83	128	898198	48.811	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	289478	50.526	ug/l	100

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

