

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072118\
 Data File : VX003567.D
 Acq On : 21 Jul 2018 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:41 PM

Quant Time: Jul 23 03:44:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	408622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235352	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180462	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
35) Dibromofluoromethane	5.51	113	161474	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	8.72	98	605259	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	222802	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	117039	52.809	ug/l	96
3) Chloromethane	1.32	50	151906	55.382	ug/l	98
4) Vinyl Chloride	1.41	62	175425	49.429	ug/l	99
5) Bromomethane	1.64	94	75040	53.315	ug/l	98
6) Chloroethane	1.72	64	108488	51.658	ug/l	99
7) Trichlorofluoromethane	1.93	101	238587	50.389	ug/l	99
8) Diethyl Ether	2.19	74	99584	48.970	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	147446	47.579	ug/l	97
10) Methyl Iodide	2.51	142	198949	53.440	ug/l	93
11) Tert butyl alcohol	3.08	59	172640	263.817	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140194	49.132	ug/l	97
13) Acrolein	2.30	56	59859	202.451	ug/l	97
14) Allyl chloride	2.73	41	256143	50.709	ug/l	# 85
15) Acrylonitrile	3.15	53	440480	264.386	ug/l	98
16) Acetone	2.45	43	343694	275.142	ug/l	93
17) Carbon Disulfide	2.57	76	384945	49.884	ug/l	99
18) Methyl Acetate	2.78	43	215132	54.630	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	491982	52.801	ug/l	97
20) Methylene Chloride	2.85	84	168476	55.251	ug/l	# 81
21) trans-1,2-Dichloroethene	3.17	96	157079	49.476	ug/l	89
22) Diisopropyl ether	3.88	45	530335	55.796	ug/l	92
23) Vinyl Acetate	3.82	43	2118886	270.635	ug/l	97
24) 1,1-Dichloroethane	3.70	63	305071	54.705	ug/l	99
25) 2-Butanone	4.71	43	596922	284.811	ug/l	97
26) 2,2-Dichloropropane	4.58	77	196442	46.379	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	186562	52.775	ug/l	95
28) Bromochloromethane	5.01	49	136555	56.022	ug/l	88
29) Tetrahydrofuran	5.17	42	391016	282.425	ug/l	92
30) Chloroform	5.21	83	311604	57.222	ug/l	91
31) Cyclohexane	5.58	56	253185	50.813	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	253520	54.366	ug/l	98
36) 1,1-Dichloropropene	5.80	75	218578	49.544	ug/l	99
37) Ethyl Acetate	4.86	43	231192	55.379	ug/l	96
38) Carbon Tetrachloride	5.79	117	222994	51.530	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072118\
 Data File : VX003567.D
 Acq On : 21 Jul 2018 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:41 PM

Quant Time: Jul 23 03:44:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	262365	50.210	ug/l	87
40) Benzene	6.15	78	668421	50.181	ug/l	100
41) Methacrylonitrile	5.07	41	132807	54.128	ug/l	92
42) 1,2-Dichloroethane	6.20	62	224671	53.533	ug/l	97
43) Isopropyl Acetate	6.47	43	351075	52.866	ug/l	94
44) Trichloroethene	7.21	130	192952	48.573	ug/l	98
45) 1,2-Dichloropropane	7.52	63	176075	52.059	ug/l	100
46) Dibromomethane	7.66	93	114021	52.364	ug/l	97
47) Bromodichloromethane	7.90	83	216527	54.318	ug/l	98
48) Methyl methacrylate	7.78	41	186429	55.668	ug/l	86
49) 1,4-Dioxane	7.76	88	76054	1002.282	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1174471	279.942	ug/l	93
52) Toluene	8.79	92	426022	50.811	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	256582	52.294	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	233475	52.914	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	173188	51.909	ug/l	98
56) Ethyl methacrylate	9.18	69	256256	54.531	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	285486	52.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	594254	260.064	ug/l	98
59) 2-Hexanone	9.50	43	870871	280.162	ug/l	89
60) Dibromochloromethane	9.59	129	179479	54.348	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180440	52.171	ug/l	100
64) Tetrachloroethene	9.34	164	230164	49.436	ug/l	99
65) Chlorobenzene	10.14	112	486450	49.407	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	175891	51.923	ug/l	100
67) Ethyl Benzene	10.26	91	811652	51.272	ug/l	100
68) m/p-Xylenes	10.36	106	637224	102.676	ug/l	97
69) o-Xylene	10.70	106	307210	51.190	ug/l	97
70) Styrene	10.71	104	522993	52.980	ug/l	97
71) Bromoform	10.86	173	139555	53.022	ug/l #	99
73) Isopropylbenzene	11.02	105	829750	50.977	ug/l	100
74) N-amyl acetate	6.47	43	351075	50.796	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	246470	51.673	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	219263m	51.859	ug/l	
77) Bromobenzene	11.26	156	227548	48.606	ug/l	97
78) n-propylbenzene	11.37	91	936957	51.785	ug/l	99
79) 2-Chlorotoluene	11.43	91	554536	50.487	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	690870	51.646	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	67060	45.281	ug/l	90
82) 4-Chlorotoluene	11.51	91	649345	50.453	ug/l	98
83) tert-Butylbenzene	11.77	119	658207	50.244	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	704960	51.791	ug/l	98
85) sec-Butylbenzene	11.95	105	814093	51.163	ug/l	100
86) p-Isopropyltoluene	12.07	119	735647	51.516	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	411720	47.844	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	415757	46.900	ug/l	99
89) n-Butylbenzene	12.39	91	592474	48.861	ug/l	99
90) Hexachloroethane	12.60	117	100596	49.555	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	410332	48.380	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48988	52.775	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
Data File : VX003567.D
Acq On : 21 Jul 2018 20:39
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/23/2018 3:19:41 PM

Quant Time: Jul 23 03:44:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	289261	46.535	ug/l	99
94) Hexachlorobutadiene	13.79	225	136928	45.804	ug/l	99
95) Naphthalene	13.84	128	843047	51.614	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297246	48.306	ug/l	100

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
Data File : VX003567.D
Acq On    : 21 Jul 2018   20:39
Operator  : JC/SP
Sample    : VSTDCCC050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 24   Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

MMDadoda
7/23/2018 3:19:41 PM

Quant Time: Jul 23 03:44:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

