

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003569.D
 Acq On : 21 Jul 2018 21:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:47 PM

Quant Time: Jul 23 03:58:26 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	287281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184850	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
35) Dibromofluoromethane	5.51	113	176534	57.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.60%	
50) Toluene-d8	8.72	98	626462	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	11.14	95	228591	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	120784	53.00	ug/l	99
3) Chloromethane	1.32	50	156310	55.42	ug/l	89
4) Vinyl Chloride	1.40	62	167630	45.93	ug/l	99
5) Bromomethane	1.64	94	75018	51.76	ug/l	99
6) Chloroethane	1.72	64	111443	51.60	ug/l	100
7) Trichlorofluoromethane	1.92	101	248597	51.06	ug/l	93
8) Diethyl Ether	2.19	74	107546	51.43	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153588	48.20	ug/l	99
10) Methyl Iodide	2.51	142	213607	55.80	ug/l	93
11) Tert butyl alcohol	3.07	59	186263	276.80	ug/l	99
12) 1,1-Dichloroethene	2.37	96	153160	52.20	ug/l	85
13) Acrolein	2.29	56	70459	231.74	ug/l	97
14) Allyl chloride	2.73	41	285451	54.96	ug/l	87
15) Acrylonitrile	3.15	53	471718	275.34	ug/l	98
16) Acetone	2.45	43	376413	293.04	ug/l	93
17) Carbon Disulfide	2.57	76	408046	51.42	ug/l	96
18) Methyl Acetate	2.78	43	243494	60.13	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	511286	53.36	ug/l	95
20) Methylene Chloride	2.86	84	178444	56.94	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	168539	51.62	ug/l	80
22) Diisopropyl ether	3.87	45	575600	58.89	ug/l	97
23) Vinyl Acetate	3.82	43	2263338	281.13	ug/l	96
24) 1,1-Dichloroethane	3.70	63	321579	56.08	ug/l	99
25) 2-Butanone	4.71	43	625580	290.27	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	215462	49.47	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	200550	55.17	ug/l	96
28) Bromochloromethane	5.03	49	148075	59.08	ug/l	90
29) Tetrahydrofuran	5.16	42	404428	284.07	ug/l	93
30) Chloroform	5.21	83	327857	58.55	ug/l	100
31) Cyclohexane	5.58	56	278766	54.41	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	275905	57.54	ug/l	98
36) 1,1-Dichloropropene	5.81	75	225475	52.08	ug/l	99
37) Ethyl Acetate	4.87	43	240653	58.74	ug/l	96
38) Carbon Tetrachloride	5.78	117	228491	53.80	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072118\
 Data File : VX003569.D
 Acq On : 21 Jul 2018 21:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:47 PM

Quant Time: Jul 23 03:58:26 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	7.46	83	259736	50.65	ug/l	95
40) Benzene	6.15	78	682239	52.19	ug/l	99
41) Methacrylonitrile	5.07	41	138034	57.32	ug/l	94
42) 1,2-Dichloroethane	6.20	62	226501	54.99	ug/l	96
43) Isopropyl Acetate	6.46	43	352779	54.13	ug/l	94
44) Trichloroethene	7.22	130	197150	50.57	ug/l	96
45) 1,2-Dichloropropane	7.52	63	179313	54.02	ug/l	100
46) Dibromomethane	7.67	93	115654	54.12	ug/l	97
47) Bromodichloromethane	7.90	83	218724	55.91	ug/l	99
48) Methyl methacrylate	7.78	41	184610	56.17	ug/l	86
49) 1,4-Dioxane	7.76	88	78409	1052.91	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1179138	286.38	ug/l	92
52) Toluene	8.79	92	435698	52.95	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	261338	54.27	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	237250	54.79	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	176177	53.81	ug/l	99
56) Ethyl methacrylate	9.18	69	257074	55.74	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	287824	54.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	613425	273.54	ug/l	98
59) 2-Hexanone	9.50	43	872710	286.08	ug/l	89
60) Dibromochloromethane	9.59	129	180759	55.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180657	53.22	ug/l	98
64) Tetrachloroethene	9.34	164	235306	51.18	ug/l	96
65) Chlorobenzene	10.14	112	490583	50.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	178473	53.35	ug/l	99
67) Ethyl Benzene	10.26	91	826816	52.89	ug/l	100
68) m/p-Xylenes	10.36	106	649744	106.02	ug/l	97
69) o-Xylene	10.70	106	312448	52.72	ug/l	97
70) Styrene	10.71	104	529218	54.29	ug/l	97
71) Bromoform	10.86	173	142000	54.64	ug/l	100
73) Isopropylbenzene	11.02	105	842227	52.36	ug/l	100
74) N-amyl acetate	6.46	43	352779	51.65	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	243392	51.63	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	221435m	52.99	ug/l	
77) Bromobenzene	11.26	156	230244	49.77	ug/l	97
78) n-propylbenzene	11.37	91	954212	53.36	ug/l	99
79) 2-Chlorotoluene	11.42	91	566329	52.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	686935	51.96	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	69355	47.28	ug/l	89
82) 4-Chlorotoluene	11.51	91	636429	50.04	ug/l	97
83) tert-Butylbenzene	11.77	119	659262	50.92	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	705376	52.44	ug/l	97
85) sec-Butylbenzene	11.95	105	813397	51.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	741777	52.56	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	417743	49.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	423741	48.37	ug/l	99
89) n-Butylbenzene	12.39	91	629010	52.49	ug/l	99
90) Hexachloroethane	12.60	117	104084	51.88	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	420352	50.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49672	54.15	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
Data File : VX003569.D
Acq On : 21 Jul 2018 21:58
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/23/2018 3:19:47 PM

Quant Time: Jul 23 03:58:26 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	296423	48.25	ug/l	100
94) Hexachlorobutadiene	13.79	225	140682	47.62	ug/l	100
95) Naphthalene	13.83	128	847910	52.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	300858	49.47	ug/l	99

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

