

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004166.D
 Acq On : 21 Aug 2018 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 11:16:45 AM

Quant Time: Aug 22 01:08:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	342071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	481994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	459710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	281586	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212546	44.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.20%	
35) Dibromofluoromethane	5.50	113	181977	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.71	98	700544	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.13	95	257066	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	156265	46.93	ug/l	99
3) Chloromethane	1.32	50	187976	46.00	ug/l	100
4) Vinyl Chloride	1.40	62	203311	45.99	ug/l	100
5) Bromomethane	1.64	94	99503	44.39	ug/l	99
6) Chloroethane	1.72	64	140616	48.29	ug/l	98
7) Trichlorofluoromethane	1.93	101	290512	46.84	ug/l	99
8) Diethyl Ether	2.18	74	127552	47.11	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	184629	47.72	ug/l	100
10) Methyl Iodide	2.51	142	176968	43.54	ug/l	100
11) Tert butyl alcohol	3.06	59	207154	213.44	ug/l	100
12) 1,1-Dichloroethene	2.37	96	167160	46.45	ug/l	97
13) Acrolein	2.29	56	131571	202.01	ug/l	99
14) Allyl chloride	2.73	41	319611	46.68	ug/l	97
15) Acrylonitrile	3.15	53	540873	223.51	ug/l	100
16) Acetone	2.44	43	605385	241.59	ug/l	100
17) Carbon Disulfide	2.57	76	451015	44.19	ug/l	99
18) Methyl Acetate	2.78	43	273867	49.18	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	593150	46.78	ug/l	100
20) Methylene Chloride	2.86	84	199340	48.65	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	188252	46.06	ug/l	96
22) Diisopropyl ether	3.87	45	625558	46.62	ug/l	99
23) Vinyl Acetate	3.82	43	2626807	238.37	ug/l	100
24) 1,1-Dichloroethane	3.70	63	356144	46.86	ug/l	100
25) 2-Butanone	4.70	43	895849	219.72	ug/l	99
26) 2,2-Dichloropropane	4.58	77	290429	48.07	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	217817	47.40	ug/l	97
28) Bromochloromethane	5.01	49	173963	49.89	ug/l	99
29) Tetrahydrofuran	5.15	42	445158	213.70	ug/l	99
30) Chloroform	5.21	83	359058	48.41	ug/l	99
31) Cyclohexane	5.57	56	310593	46.62	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	304996	49.21	ug/l	99
36) 1,1-Dichloropropene	5.79	75	273176	49.81	ug/l	99
37) Ethyl Acetate	4.85	43	267785	44.83	ug/l	100
38) Carbon Tetrachloride	5.78	117	269381	50.55	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004166.D
 Acq On : 21 Aug 2018 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 11:16:45 AM

Quant Time: Aug 22 01:08:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	327552	52.64	ug/l	99
40) Benzene	6.14	78	810378	49.21	ug/l	98
41) Methacrylonitrile	5.06	41	154403	46.16	ug/l	99
42) 1,2-Dichloroethane	6.20	62	279218	48.43	ug/l	100
43) Isopropyl Acetate	6.46	43	412130	46.81	ug/l	100
44) Trichloroethene	7.21	130	222779	49.83	ug/l	95
45) 1,2-Dichloropropane	7.51	63	211924	50.27	ug/l	100
46) Dibromomethane	7.66	93	134322	48.75	ug/l	99
47) Bromodichloromethane	7.90	83	270448	51.83	ug/l	98
48) Methyl methacrylate	7.77	41	222756	50.26	ug/l	97
49) 1,4-Dioxane	7.75	88	95428	956.40	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1787729	247.65	ug/l	100
52) Toluene	8.78	92	533246	51.20	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	309138	54.84	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	334256	53.54	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	212423	49.39	ug/l	99
56) Ethyl methacrylate	9.18	69	311251	53.21	ug/l	99
57) 1,3-Dichloropropane	9.37	76	356853	50.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	854857	287.02	ug/l	100
59) 2-Hexanone	9.49	43	1373426	252.80	ug/l	100
60) Dibromochloromethane	9.59	129	217244	52.48	ug/l	100
61) 1,2-Dibromoethane	9.67	107	220969	50.39	ug/l	100
64) Tetrachloroethene	9.34	164	211066	48.44	ug/l	94
65) Chlorobenzene	10.14	112	594696	50.08	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	209660	51.77	ug/l	98
67) Ethyl Benzene	10.25	91	1012895	53.87	ug/l	97
68) m/p-Xylenes	10.36	106	790830	107.40	ug/l	98
69) o-Xylene	10.70	106	369371	52.49	ug/l	98
70) Styrene	10.71	104	633759	53.51	ug/l	97
71) Bromoform	10.86	173	159593	49.69	ug/l	99
73) Isopropylbenzene	11.02	105	976401	51.24	ug/l	94
74) N-amyl acetate	6.46	43	412130	45.98	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	320339	48.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	301230m	53.34	ug/l	
77) Bromobenzene	11.26	156	263946	50.25	ug/l	98
78) n-propylbenzene	11.36	91	1166107	54.68	ug/l	99
79) 2-Chlorotoluene	11.42	91	648034	49.86	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	841818	53.95	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	95912	52.58	ug/l	96
82) 4-Chlorotoluene	11.51	91	777554	50.62	ug/l	99
83) tert-Butylbenzene	11.77	119	855887	54.40	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	897151	55.52	ug/l	99
85) sec-Butylbenzene	11.94	105	1029271	55.90	ug/l	99
86) p-Isopropyltoluene	12.07	119	919324	55.15	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	502646	50.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	507778	49.25	ug/l	99
89) n-Butylbenzene	12.39	91	842843	64.17	ug/l	99
90) Hexachloroethane	12.60	117	136270	54.64	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	513817	56.87	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60765	51.96	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
Data File : VX004166.D
Acq On : 21 Aug 2018 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/22/2018 11:16:45 AM

Quant Time: Aug 22 01:08:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	339610	54.99	ug/l	99
94) Hexachlorobutadiene	13.79	225	165373	53.41	ug/l	99
95) Naphthalene	13.83	128	1021761	51.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	355887	52.84	ug/l	97

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

