

Data File : VX001023.D
Acq On : 20 Apr 2018 21:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM

Quant Time: Apr 23 07:14:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137867	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
35) Dibromofluoromethane	5.51	113	113754	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	8.72	98	410349	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.14	95	170609	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	150780	53.20	ug/l	100
3) Chloromethane	1.32	50	123784	46.91	ug/l	99
4) Vinyl Chloride	1.41	62	135622	49.58	ug/l	99
5) Bromomethane	1.64	94	87748	56.77	ug/l	99
6) Chloroethane	1.73	64	80779	49.70	ug/l	98
7) Trichlorofluoromethane	1.93	101	206205	50.18	ug/l	100
8) Diethyl Ether	2.19	74	74714	49.23	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	117401	48.76	ug/l	99
10) Methyl Iodide	2.51	142	102574	44.21	ug/l	99
11) Tert butyl alcohol	3.07	59	109691	251.09	ug/l	99
12) 1,1-Dichloroethene	2.38	96	109502	49.18	ug/l	98
13) Acrolein	2.30	56	45668	331.81	ug/l	100
14) Allyl chloride	2.73	41	200872	49.85	ug/l	99
15) Acrylonitrile	3.15	53	287547	243.21	ug/l	100
16) Acetone	2.45	43	262010	240.21	ug/l	99
17) Carbon Disulfide	2.57	76	293863	46.31	ug/l	100
18) Methyl Acetate	2.78	43	179249	54.31	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	376666	50.32	ug/l	100
20) Methylene Chloride	2.86	84	120364	52.43	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	118919	47.98	ug/l	100
22) Diisopropyl ether	3.88	45	399829	51.26	ug/l	99
23) Vinyl Acetate	3.83	43	1601578	248.02	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216760	49.54	ug/l	100
25) 2-Butanone	4.71	43	414370	243.35	ug/l	99
26) 2,2-Dichloropropane	4.59	77	173256	46.03	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	136767	49.54	ug/l	98
28) Bromochloromethane	5.03	49	85675	50.92	ug/l	97
29) Tetrahydrofuran	5.17	42	264255	245.59	ug/l	99
30) Chloroform	5.23	83	230147	50.79	ug/l	100
31) Cyclohexane	5.59	56	196978	48.23	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	207416	51.06	ug/l	99
36) 1,1-Dichloropropene	5.81	75	175234	48.11	ug/l	99
37) Ethyl Acetate	4.87	43	162010	48.49	ug/l	99
38) Carbon Tetrachloride	5.79	117	183568	49.78	ug/l	99

Data File : VX001023.D

Acq On : 20 Apr 2018 21:48

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 26 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:45 PM

Quant Time: Apr 23 07:14:36 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	202261	47.71	ug/l	99
40) Benzene	6.15	78	498148	49.20	ug/l	99
41) Methacrylonitrile	5.07	41	100129	47.99	ug/l	100
42) 1,2-Dichloroethane	6.21	62	192601	49.55	ug/l	99
43) Isopropyl Acetate	6.47	43	283544	49.47	ug/l	99
44) Trichloroethene	7.22	130	151413	48.94	ug/l	100
45) 1,2-Dichloropropane	7.52	63	128851	50.61	ug/l	98
46) Dibromomethane	7.67	93	87760	49.33	ug/l	100
47) Bromodichloromethane	7.90	83	168888	51.25	ug/l	97
48) Methyl methacrylate	7.79	41	153813	49.84	ug/l	99
49) 1,4-Dioxane	7.76	88	45756	1008.18	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	874872	251.39	ug/l	99
52) Toluene	8.79	92	330766	50.05	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	202604	51.40	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	193115	51.96	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	130299	49.60	ug/l	98
56) Ethyl methacrylate	9.19	69	195803	50.75	ug/l	99
57) 1,3-Dichloropropane	9.38	76	214109	49.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	523027	277.77	ug/l	100
59) 2-Hexanone	9.51	43	659269	247.49	ug/l	99
60) Dibromochloromethane	9.59	129	145790	52.84	ug/l	99
61) 1,2-Dibromoethane	9.68	107	140698	50.75	ug/l	99
64) Tetrachloroethene	9.34	164	156035	49.36	ug/l	99
65) Chlorobenzene	10.15	112	387879	48.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	138967	51.08	ug/l	99
67) Ethyl Benzene	10.26	91	648945	49.30	ug/l	99
68) m/p-Xylenes	10.37	106	511478	98.59	ug/l	99
69) o-Xylene	10.71	106	248366	49.66	ug/l	100
70) Styrene	10.72	104	417289	50.66	ug/l	100
71) Bromoform	10.87	173	116750	46.31	ug/l	99
73) Isopropylbenzene	11.02	105	669961	48.97	ug/l	99
74) N-amyl acetate	6.47	43	283544	48.45	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193043	49.85	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	179090m	49.33	ug/l	
77) Bromobenzene	11.26	156	193751	48.79	ug/l	99
78) n-propylbenzene	11.37	91	763910	48.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	452471	48.76	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	573562	49.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	49602	42.45	ug/l	97
82) 4-Chlorotoluene	11.52	91	543866	48.50	ug/l	99
83) tert-Butylbenzene	11.77	119	577523	49.37	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	587701	49.25	ug/l	100
85) sec-Butylbenzene	11.95	105	681884	48.83	ug/l	99
86) p-Isopropyltoluene	12.07	119	628907	48.69	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	357959	48.15	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	364254	47.74	ug/l	99
89) n-Butylbenzene	12.40	91	547222	47.61	ug/l	100
90) Hexachloroethane	12.60	117	94465	51.61	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	353493	49.12	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41276	50.88	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Quantitation Report (QT Reviewed)

Data File : VX001023.D
Acq On : 20 Apr 2018 21:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM

Quant Time: Apr 23 07:14:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	284548	47.10	ug/l	100
94) Hexachlorobutadiene	13.79	225	120089	43.93	ug/l	99
95) Naphthalene	13.84	128	740595	49.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	277337	47.46	ug/l	100

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

MMDadoda
4/23/2018 1:27:45 PM

[illegible]