

Data File : VX000352.D

Acq On : 16 Mar 2018 17:53

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050ECManual Integrations
APPROVEDapatel
3/19/2018 5:32:23 PM

Quant Time: Mar 17 01:13:49 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 03:39:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	148878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	240774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	150039	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	96657	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.51	113	76028	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.72	98	302928	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.15	95	121527	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	72238	45.04	ug/l	95
3) Chloromethane	1.32	50	72378	44.27	ug/l	97
4) Vinyl Chloride	1.41	62	82255	44.92	ug/l	99
5) Bromomethane	1.64	94	97100	47.52	ug/l	99
6) Chloroethane	1.73	64	52670	40.47	ug/l	95
7) Trichlorofluoromethane	1.93	101	145574	45.77	ug/l	99
8) Diethyl Ether	2.19	74	51180	45.21	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	81786	47.76	ug/l	98
10) Methyl Iodide	2.52	142	82631	47.76	ug/l	99
11) Tert butyl alcohol	3.07	59	139944	210.00	ug/l	99
12) 1,1-Dichloroethene	2.38	96	72525	44.63	ug/l	99
13) Acrolein	2.29	56	63309	220.82	ug/l	98
14) Allyl chloride	2.73	41	127874	44.13	ug/l	97
15) Acrylonitrile	3.15	53	286417	222.91	ug/l	100
16) Acetone	2.45	43	333791	242.72	ug/l	99
17) Carbon Disulfide	2.57	76	196779	41.45	ug/l	99
18) Methyl Acetate	2.78	43	140810	45.76	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	269369	47.08	ug/l	100
20) Methylene Chloride	2.86	84	79748	44.79	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	77749	43.27	ug/l	89
22) Diisopropyl ether	3.87	45	255790	53.03	ug/l	96
23) Vinyl Acetate	3.83	43	1218717	265.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	142212	46.87	ug/l	99
25) 2-Butanone	4.71	43	399094	242.82	ug/l	99
26) 2,2-Dichloropropane	4.59	77	106584	48.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	76759	46.77	ug/l	98
28) Bromochloromethane	5.03	49	60836	47.70	ug/l	100
29) Tetrahydrofuran	5.17	42	248126	234.55	ug/l	99
30) Chloroform	5.22	83	141508	49.40	ug/l	98
31) Cyclohexane	5.58	56	115332	49.54	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	128604	50.80	ug/l	99
36) 1,1-Dichloropropene	5.81	75	104730	47.87	ug/l	99
37) Ethyl Acetate	4.87	43	138468	47.62	ug/l	99
38) Carbon Tetrachloride	5.79	117	111894	50.73	ug/l	98

Data File : VX000352.D

Acq On : 16 Mar 2018 17:53

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations

APPROVED

apatel

3/19/2018 5:32:23 PM

Quant Time: Mar 17 01:13:49 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 03:39:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	133870	52.46	ug/l	97
40) Benzene	6.15	78	308849	49.76	ug/l	99
41) Methacrylonitrile	5.07	41	73557	48.18	ug/l	98
42) 1,2-Dichloroethane	6.21	62	121089	49.22	ug/l	99
43) Isopropyl Acetate	6.48	43	214322	51.07	ug/l	98
44) Trichloroethene	7.22	130	85966	47.80	ug/l	94
45) 1,2-Dichloropropane	7.53	63	79654	52.04	ug/l	97
46) Dibromomethane	7.67	93	61080	49.67	ug/l	99
47) Bromodichloromethane	7.90	83	112295	51.44	ug/l	98
48) Methyl methacrylate	7.79	41	105118	49.54	ug/l	99
49) 1,4-Dioxane	7.76	88	42250	885.02	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	811861	249.12	ug/l	100
52) Toluene	8.79	92	212799	48.81	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	131830	52.33	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	131247	53.27	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	86001	49.16	ug/l	97
56) Ethyl methacrylate	9.19	69	137543	53.10	ug/l	100
57) 1,3-Dichloropropane	9.38	76	141071	49.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	313501	284.86	ug/l	99
59) 2-Hexanone	9.51	43	684180	249.18	ug/l	100
60) Dibromochloromethane	9.59	129	96401	52.11	ug/l	98
61) 1,2-Dibromoethane	9.68	107	97438	50.25	ug/l	99
64) Tetrachloroethene	9.34	164	88578	58.61	ug/l	98
65) Chlorobenzene	10.15	112	251937	52.30	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	90133	55.63	ug/l	98
67) Ethyl Benzene	10.26	91	437160	53.23	ug/l	100
68) m/p-Xylenes	10.37	106	350895	109.67	ug/l	98
69) o-Xylene	10.71	106	168770	54.30	ug/l	99
70) Styrene	10.72	104	285816	55.41	ug/l	98
71) Bromoform	10.87	173	77461	47.40	ug/l #	98
73) Isopropylbenzene	11.02	105	463719	51.31	ug/l	100
74) N-amyl acetate	6.48	43	214322	49.54	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	161470	50.19	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	143292m	52.99	ug/l	
77) Bromobenzene	11.26	156	117361	49.48	ug/l	98
78) n-propylbenzene	11.37	91	544814	50.00	ug/l	99
79) 2-Chlorotoluene	11.43	91	313228	50.66	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	408465	53.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	45500	45.97	ug/l	98
82) 4-Chlorotoluene	11.52	91	390057	51.32	ug/l	99
83) tert-Butylbenzene	11.78	119	396963	52.86	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	422024	53.32	ug/l	99
85) sec-Butylbenzene	11.96	105	506784	53.90	ug/l	99
86) p-Isopropyltoluene	12.07	119	462537	55.28	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	232233	49.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	246908	51.05	ug/l	97
89) n-Butylbenzene	12.40	91	421014	51.75	ug/l	99
90) Hexachloroethane	12.60	117	72028	53.67	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	229596	50.92	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43642	50.12	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031618\
Quantitation Report (QT Reviewed)

Data File : VX000352.D
Acq On : 16 Mar 2018 17:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
3/19/2018 5:32:23 PM

Quant Time: Mar 17 01:13:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	158023	48.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	67917	53.01	ug/l	97
95) Naphthalene	13.84	128	573997	50.93	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	159815	48.71	ug/l	99

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

Data File : VX000352.D

```
Acq On       : 16 Mar 2018   17:53
Operator    : JC/MD
Sample      : VSTDCCC050
Misc       : 5.0mL/MSV0A_X/WATER
ALS Vial    : 9      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

apatel
3/19/2018 5:32:23 PM

Quant Time: Mar 17 01:13:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

