

Data File : VX000267.D

Acq On : 09 Mar 2018 20:15

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations

APPROVED

apatel

3/10/2018 12:56:08 PM

Quant Time: Mar 10 01:02:03 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 08 02:15:47 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	109364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	187808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	196157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	83390	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
35) Dibromofluoromethane	5.51	113	63775	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	8.73	98	248188	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.15	95	98815	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51122	42.90	ug/l	97
3) Chloromethane	1.32	50	59178	50.87	ug/l	97
4) Vinyl Chloride	1.41	62	69269	51.09	ug/l	99
5) Bromomethane	1.64	94	89081	63.36	ug/l	96
6) Chloroethane	1.72	64	49651	58.83	ug/l	98
7) Trichlorofluoromethane	1.93	101	118810	52.82	ug/l	98
8) Diethyl Ether	2.20	74	46849	56.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59484	47.35	ug/l	99
10) Methyl Iodide	2.52	142	63136	48.01	ug/l	99
11) Tert butyl alcohol	3.09	59	144380	259.18	ug/l	100
12) 1,1-Dichloroethene	2.38	96	61956	53.71	ug/l	97
13) Acrolein	2.30	56	80860	276.10	ug/l	98
14) Allyl chloride	2.73	41	114651	53.81	ug/l	99
15) Acrylonitrile	3.16	53	277671	286.42	ug/l	98
16) Acetone	2.45	43	262505	241.11	ug/l	99
17) Carbon Disulfide	2.57	76	152420	48.23	ug/l	99
18) Methyl Acetate	2.79	43	133003	57.36	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	245461	59.76	ug/l	99
20) Methylene Chloride	2.86	84	72611	55.92	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	67682	53.35	ug/l	97
22) Diisopropyl ether	3.89	45	186525	50.98	ug/l	98
23) Vinyl Acetate	3.84	43	889479	252.23	ug/l	99
24) 1,1-Dichloroethane	3.70	63	121605	54.21	ug/l	99
25) 2-Butanone	4.73	43	343819	255.89	ug/l	97
26) 2,2-Dichloropropane	4.60	77	63228	38.56	ug/l	97
27) cis-1,2-Dichloroethene	4.62	96	63726	52.98	ug/l	94
28) Bromochloromethane	5.04	49	57422	60.23	ug/l	99
29) Tetrahydrofuran	5.18	42	226448	268.34	ug/l	99
30) Chloroform	5.23	83	115301	53.17	ug/l	97
31) Cyclohexane	5.59	56	79748	48.08	ug/l	88
32) 1,1,1-Trichloroethane	5.51	97	98834	52.56	ug/l	98
36) 1,1-Dichloropropene	5.81	75	81157	48.56	ug/l	100
37) Ethyl Acetate	4.89	43	125449	51.95	ug/l	99
38) Carbon Tetrachloride	5.79	117	81960	48.46	ug/l	98

Data File : VX000267.D

Acq On : 09 Mar 2018 20:15

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Manual Integrations

APPROVED

apatel

3/10/2018 12:56:08 PM

Quant Time: Mar 10 01:02:03 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 08 02:15:47 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	83017	40.49	ug/l	97
40) Benzene	6.15	78	247083	51.27	ug/l	98
41) Methacrylonitrile	5.07	41	63369	51.48	ug/l	99
42) 1,2-Dichloroethane	6.21	62	102643	54.30	ug/l	99
43) Isopropyl Acetate	6.48	43	188018	53.85	ug/l	99
44) Trichloroethene	7.22	130	66415	48.14	ug/l	96
45) 1,2-Dichloropropane	7.53	63	65519	53.67	ug/l	93
46) Dibromomethane	7.67	93	50755	52.55	ug/l	99
47) Bromodichloromethane	7.91	83	92671	54.55	ug/l	97
48) Methyl methacrylate	7.79	41	92300	53.67	ug/l	97
49) 1,4-Dioxane	7.77	88	40920	1048.09	ug/l	97
51) 4-Methyl-2-Pentanone	8.67	43	734574	278.73	ug/l	99
52) Toluene	8.79	92	172413	52.19	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	101308	50.61	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	101905	52.62	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	76208	56.96	ug/l	99
56) Ethyl methacrylate	9.20	69	115812	57.84	ug/l	96
57) 1,3-Dichloropropane	9.38	76	121676	54.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	286407	283.32	ug/l	99
59) 2-Hexanone	9.51	43	618001	275.01	ug/l	100
60) Dibromochloromethane	9.59	129	77475	54.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	83818	56.42	ug/l	97
64) Tetrachloroethene	9.34	164	67061	48.86	ug/l	96
65) Chlorobenzene	10.15	112	200120	50.52	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	70726	52.22	ug/l	99
67) Ethyl Benzene	10.26	91	336492	48.67	ug/l	98
68) m/p-Xylenes	10.37	106	265757	99.88	ug/l	98
69) o-Xylene	10.71	106	130458	51.01	ug/l	99
70) Styrene	10.72	104	220469	51.97	ug/l	99
71) Bromoform	10.87	173	60606	44.21	ug/l #	100
73) Isopropylbenzene	11.02	105	341431	47.32	ug/l	100
74) N-amyl acetate	6.48	43	188018	50.93	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	137133	54.21	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	120758m	52.27	ug/l	
77) Bromobenzene	11.26	156	89670	48.07	ug/l	96
78) n-propylbenzene	11.37	91	399211	47.01	ug/l	99
79) 2-Chlorotoluene	11.43	91	237032	49.48	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	297889	49.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	33714	44.69	ug/l	95
82) 4-Chlorotoluene	11.52	91	289498	49.71	ug/l	98
83) tert-Butylbenzene	11.78	119	284635	48.56	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	308579	49.81	ug/l	99
85) sec-Butylbenzene	11.96	105	353223	47.64	ug/l	99
86) p-Isopropyltoluene	12.07	119	317819	48.61	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	172411	48.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181025	48.70	ug/l	99
89) n-Butylbenzene	12.40	91	293862	46.67	ug/l	100
90) Hexachloroethane	12.60	117	48840	46.36	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	174177	49.60	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36731	51.71	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030918\
Quantitation Report (QT Reviewed)

Data File : VX000267.D
Acq On : 09 Mar 2018 20:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
3/10/2018 12:56:08 PM

Quant Time: Mar 10 01:02:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123527	48.36	ug/l	99
94) Hexachlorobutadiene	13.79	225	43171	40.61	ug/l	99
95) Naphthalene	13.84	128	480387	53.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	125536	49.68	ug/l	98

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

Data File : VX000267.D

```
Acq On       : 09 Mar 2018   20:15
Operator    : JC/MD
Sample      : VSTDCCC050
Misc       : 5.0mL/MSVOA_X/WATER
ALS Vial    : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
3/10/2018 12:56:08 PM

Quant Time: Mar 10 01:02:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

