

Data File : VX000189.D

Acq On : 02 Mar 2018 09:48

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

apatel

3/3/2018 1:20:15 PM

Quant Time: Mar 03 05:15:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	117599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	77193	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	5.51	113	61498	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.73	98	246702	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	11.15	95	102646	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45496	38.14	ug/l	97
3) Chloromethane	1.32	50	44136	37.72	ug/l	98
4) Vinyl Chloride	1.41	62	56078	43.02	ug/l	98
5) Bromomethane	1.64	94	68361	66.80	ug/l	99
6) Chloroethane	1.72	64	39601	45.24	ug/l	94
7) Trichlorofluoromethane	1.93	101	106870	45.85	ug/l	96
8) Diethyl Ether	2.20	74	39094	48.61	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61957	47.56	ug/l	96
10) Methyl Iodide	2.51	142	51825	36.32	ug/l	96
11) Tert butyl alcohol	3.08	59	148725	266.75	ug/l	99
12) 1,1-Dichloroethene	2.38	96	52100	42.94	ug/l	88
13) Acrolein	2.30	56	54078	203.06	ug/l	100
14) Allyl chloride	2.73	41	102116	50.27	ug/l	96
15) Acrylonitrile	3.15	53	254690	267.48	ug/l	100
16) Acetone	2.45	43	318053	338.95	ug/l	99
17) Carbon Disulfide	2.57	76	105794	29.62	ug/l	99
18) Methyl Acetate	2.78	43	137347	62.42	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	213881	51.36	ug/l	99
20) Methylene Chloride	2.86	84	60503	50.70	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	56531	42.98	ug/l	92
22) Diisopropyl ether	3.88	45	204614	57.66	ug/l	91
23) Vinyl Acetate	3.83	43	953086	288.99	ug/l	97
24) 1,1-Dichloroethane	3.70	63	109667	52.16	ug/l	99
25) 2-Butanone	4.71	43	369392	281.98	ug/l	100
26) 2,2-Dichloropropane	4.59	77	86315	47.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59852	47.76	ug/l	99
28) Bromochloromethane	5.03	49	54217	57.51	ug/l	90
29) Tetrahydrofuran	5.18	42	225772	264.67	ug/l	97
30) Chloroform	5.23	83	111551	50.41	ug/l	94
31) Cyclohexane	5.58	56	78624	43.49	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	99875	49.04	ug/l	97
36) 1,1-Dichloropropene	5.81	75	78324	47.16	ug/l	96
37) Ethyl Acetate	4.87	43	118367	51.87	ug/l	97
38) Carbon Tetrachloride	5.79	117	84599	47.16	ug/l	96

Data File : VX000189.D

Acq On : 02 Mar 2018 09:48

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

apatel

3/3/2018 1:20:15 PM

Quant Time: Mar 03 05:15:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	91845	45.93	ug/l	99
40) Benzene	6.15	78	230583	48.59	ug/l	99
41) Methacrylonitrile	5.07	41	61606	56.32	ug/l	98
42) 1,2-Dichloroethane	6.21	62	94386	54.21	ug/l	98
43) Isopropyl Acetate	6.48	43	182390	55.43	ug/l	97
44) Trichloroethene	7.22	130	65497	46.87	ug/l	91
45) 1,2-Dichloropropane	7.52	63	62720	53.93	ug/l	99
46) Dibromomethane	7.67	93	46250	50.97	ug/l	95
47) Bromodichloromethane	7.91	83	92387	55.12	ug/l	98
48) Methyl methacrylate	7.79	41	87136	54.02	ug/l	97
49) 1,4-Dioxane	7.77	88	42362	1001.67	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	732134	304.40	ug/l	97
52) Toluene	8.79	92	162522	51.27	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	103963	52.75	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	106674	54.51	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	72339	55.18	ug/l	98
56) Ethyl methacrylate	9.19	69	113610	56.47	ug/l	94
57) 1,3-Dichloropropane	9.38	76	115944	55.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	267406	262.98	ug/l	95
59) 2-Hexanone	9.51	43	638524	313.55	ug/l	97
60) Dibromochloromethane	9.59	129	77507	52.20	ug/l	97
61) 1,2-Dibromoethane	9.68	107	78457	53.93	ug/l	98
64) Tetrachloroethene	9.34	164	63749	45.94	ug/l	97
65) Chlorobenzene	10.15	112	199351	49.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71426	50.74	ug/l	98
67) Ethyl Benzene	10.26	91	340924	50.48	ug/l	99
68) m/p-Xylenes	10.37	106	270241	101.05	ug/l	97
69) o-Xylene	10.71	106	131728	51.07	ug/l	97
70) Styrene	10.72	104	223212	52.93	ug/l	98
71) Bromoform	10.87	173	63343	49.54	ug/l #	98
73) Isopropylbenzene	11.02	105	365574	49.05	ug/l	97
74) N-amyl acetate	6.48	43	182390	48.44	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	135870	52.34	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	125627m	51.57	ug/l	
77) Bromobenzene	11.26	156	91834	45.46	ug/l	92
78) n-propylbenzene	11.37	91	439105	49.97	ug/l	98
79) 2-Chlorotoluene	11.43	91	247955	49.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	314975	49.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	41579	48.61	ug/l	91
82) 4-Chlorotoluene	11.52	91	306229	50.35	ug/l	97
83) tert-Butylbenzene	11.78	119	313903	49.33	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	327480	50.06	ug/l	98
85) sec-Butylbenzene	11.96	105	398043	50.37	ug/l	99
86) p-Isopropyltoluene	12.07	119	355934	50.41	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	184599	47.64	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	194585	48.60	ug/l	99
89) n-Butylbenzene	12.40	91	345402	51.87	ug/l	98
90) Hexachloroethane	12.60	117	58179	50.61	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	184939	48.49	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40266	55.89	ug/l	86

Data File : VX000189.D
Acq On : 02 Mar 2018 09:48
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

apatel
3/3/2018 1:20:15 PM

Quant Time: Mar 03 05:15:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132967	46.47	ug/l	99
94) Hexachlorobutadiene	13.79	225	55288	44.28	ug/l	98
95) Naphthalene	13.85	128	485560	50.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	133655	47.32	ug/l	98

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

Data File : VX000189.D

```
Acq On       : 02 Mar 2018   09:48
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

apatel
3/3/2018 1:20:15 PM

Quant Time: Mar 03 05:15:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

