Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\
Data File : VD057961.D
Acq On : 6 Jun 2018 19:46
Operator : JC/SY
Sample : VSTDICC075
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDICC075

Quant Time: Jun 07 08:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:19:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	953296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1291475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1036581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	515909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	635419	66.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 133.34%			
35) Dibromofluoromethane	5.56	113	660746	66.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 132.26%			
50) Toluene-d8	8.71	98	1469977	61.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.76%			
62) 4-Bromofluorobenzene	11.93	95	649346	62.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 125.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.35	85	807467	63.11	ug/l	98
3) Chloromethane	1.49	50	398982	63.32	ug/l	98
4) Vinyl Chloride	1.56	62	410347	67.28	ug/l	98
5) Bromomethane	1.81	94	163035	68.20	ug/l	94
6) Chloroethane	1.89	64	162451	67.51	ug/l	94
7) Trichlorofluoromethane	2.09	101	545825	65.46	ug/l	99
8) Diethyl Ether	2.35	74	107380	69.33	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.57	101	328289	66.01	ug/l	96
10) Methyl Iodide	2.71	142	474203	73.90	ug/l	92
11) Tert butyl alcohol	3.27	59	102154	400.12	ug/l	99
12) 1,1-Dichloroethene	2.56	96	253891	66.41	ug/l	98
13) Acrolein	2.48	56	125889	344.30	ug/l	97
14) Allyl chloride	2.93	41	588114	66.68	ug/l	97
15) Acrylonitrile	3.37	53	513349	343.70	ug/l	97
16) Acetone	2.63	43	487439	354.99	ug/l	100
17) Carbon Disulfide	2.76	76	959600	69.28	ug/l	98
18) Methyl Acetate	2.94	43	168152	63.30	ug/l	94
19) Methyl tert-butyl Ether	3.41	73	1159451	68.92	ug/l	99
20) Methylene Chloride	3.08	84	268110	57.13	ug/l	96
21) trans-1,2-Dichloroethene	3.39	96	557738	65.49	ug/l	97
22) Diisopropyl ether	4.08	45	2287526	65.47	ug/l	99
23) Vinyl Acetate	4.02	43	6293311	348.60	ug/l	100
24) 1,1-Dichloroethane	3.98	63	1252203	65.21	ug/l	99
25) 2-Butanone	4.84	43	1074509	344.33	ug/l	96
26) 2,2-Dichloropropane	4.81	77	1035266	65.44	ug/l	97
27) cis-1,2-Dichloroethene	4.81	96	653337	64.69	ug/l	99
28) Bromochloromethane	5.16	49	607631	73.11	ug/l	98
29) Tetrahydrofuran	5.20	42	566670	346.42	ug/l	97
30) Chloroform	5.33	83	1318318	68.21	ug/l	98
31) Cyclohexane	5.60	56	1029592	62.13	ug/l	98
32) 1,1,1-Trichloroethane	5.52	97	1131075	69.90	ug/l	98
36) 1,1-Dichloropropene	5.76	75	891119	62.63	ug/l	96
37) Ethyl Acetate	4.93	43	523504	67.43	ug/l	96
38) Carbon Tetrachloride	5.74	117	951681	67.87	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060618\
Data File : VD057961.D
Acq On : 6 Jun 2018 19:46
Operator : JC/SY
Sample : VSTDICC075
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDICC075

Quant Time: Jun 07 08:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:19:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.28	83	916251	64.96	ug/l		98
40) Benzene	6.02	78	2108283	63.43	ug/l		100
41) Methacrylonitrile	5.13	41	248791	70.08	ug/l		98
42) 1,2-Dichloroethane	6.13	62	900371	67.00	ug/l		99
43) Isopropyl Acetate	7.62	43	695098	68.35	ug/l	#	98
44) Trichloroethene	6.99	130	660372	68.02	ug/l		99
45) 1,2-Dichloropropane	7.35	63	613584	66.42	ug/l		97
46) Dibromomethane	7.46	93	404910	68.23	ug/l		90
47) Bromodichloromethane	7.75	83	956436	68.83	ug/l		97
48) Methyl methacrylate	7.51	41	434235	69.38	ug/l		100
49) 1,4-Dioxane	7.50	88	72300	1394.34	ug/l		92
51) 4-Methyl-2-Pentanone	8.60	43	2205574	338.14	ug/l		99
52) Toluene	8.81	92	1202736	63.05	ug/l		99
53) t-1,3-Dichloropropene	9.19	75	821365	68.61	ug/l		95
54) cis-1,3-Dichloropropene	8.37	75	961646	68.18	ug/l		95
55) 1,1,2-Trichloroethane	9.46	97	414770	67.18	ug/l		98
56) Ethyl methacrylate	9.32	69	511343	67.52	ug/l		97
57) 1,3-Dichloropropane	9.67	76	728455	67.27	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.20	63	1233326	322.34	ug/l		99
59) 2-Hexanone	9.79	43	1599690	334.65	ug/l		99
60) Dibromochloromethane	9.96	129	624283	71.71	ug/l		99
61) 1,2-Dibromoethane	10.10	107	496362	69.91	ug/l		97
64) Tetrachloroethene	9.52	164	612591	66.10	ug/l		99
65) Chlorobenzene	10.73	112	1332877	63.52	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.85	131	519461	64.43	ug/l		98
67) Ethyl Benzene	10.86	91	2270144	59.88	ug/l		99
68) m/p-Xylenes	11.01	106	1529379	123.74	ug/l		95
69) o-Xylene	11.41	106	783388	63.86	ug/l		97
70) Styrene	11.44	104	1290103	63.52	ug/l		98
71) Bromoform	11.60	173	450019	74.20	ug/l		98
73) Isopropylbenzene	11.77	105	2191500	64.13	ug/l		100
74) N-amyl acetate	11.64	43	925074	70.16	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.08	83	497572	66.79	ug/l		99
76) 1,2,3-Trichloropropane	12.12	75	525010	67.75	ug/l		97
77) Bromobenzene	12.04	156	651109	64.37	ug/l		93
78) n-propylbenzene	12.16	91	2758686	62.04	ug/l		100
79) 2-Chlorotoluene	12.21	91	1630604	64.28	ug/l		100
80) 1,3,5-Trimethylbenzene	12.32	105	1671353	51.03	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.84	75	146130	76.13	ug/l		90
82) 4-Chlorotoluene	12.32	91	1659165	59.88	ug/l		99
83) tert-Butylbenzene	12.58	119	1893631	62.93	ug/l		99
84) 1,2,4-Trimethylbenzene	12.63	105	1851467	64.62	ug/l		98
85) sec-Butylbenzene	12.76	105	2274423	62.63	ug/l		99
86) p-Isopropyltoluene	12.88	119	1883771	64.36	ug/l		99
87) 1,3-Dichlorobenzene	12.84	146	1098940	64.23	ug/l		98
88) 1,4-Dichlorobenzene	12.92	146	1095298	65.70	ug/l		93
89) n-Butylbenzene	13.20	91	1788299	59.37	ug/l		99
90) Hexachloroethane	13.40	117	535737	71.71	ug/l		66
91) 1,2-Dichlorobenzene	13.19	146	853304	61.71	ug/l		94
92) 1,2-Dibromo-3-Chloropropan	13.77	75	86845	75.53	ug/l		86

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060618\
Data File : VD057961.D
Acq On : 6 Jun 2018 19:46
Operator : JC/SY
Sample : VSTDICC075
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDICC075

Quant Time: Jun 07 08:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:19:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	856116	66.27	ug/l	100
94) Hexachlorobutadiene	14.43	225	693747	68.27	ug/l	97
95) Naphthalene	14.52	128	1157790	69.51	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	736399	66.89	ug/l	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060618\
Data File : VD057961.D
Acq On : 6 Jun 2018 19:46
Operator : JC/SY
Sample : VSTDICC075
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDICC075

Quant Time: Jun 07 08:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:19:01 2018
Response via : Initial Calibration