Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
Data File : VD068289.D
Acq On : 04 Feb 2021 20:56
Operator : VA/SY
Sample : M1292-03MSD
Misc : 5.17G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

Manual Integrations APPROVED
MMDadoda
2/5/2021 10:50:36 AM

Quant Time: Feb 05 00:07:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	48001	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	105433	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	105108	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	41542	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	42736	93.07	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 186.14%#				
35) Dibromofluoromethane	7.914	113	33316	57.16	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.32%				
50) Toluene-d8	10.344	98	103263	44.29	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.58%				
62) 4-Bromofluorobenzene	12.632	95	41248	49.13	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.26%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	17737	31.11	ug/l		96
3) Chloromethane	2.209	50	36213	58.97	ug/l		95
4) Vinyl Chloride	2.350	62	31751	46.49	ug/l		97
5) Bromomethane	2.750	94	31855	68.01	ug/l		94
6) Chloroethane	2.920	64	26479	63.46	ug/l		91
7) Trichlorofluoromethane	3.273	101	34779	38.79	ug/l		94
8) Diethyl Ether	3.709	74	27458	104.02	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.103	101	19786	37.84	ug/l		95
10) Methyl Iodide	4.303	142	23715	41.04	ug/l		93
11) Tert butyl alcohol	5.232	59	39455	1205.09	ug/l	#	94
12) 1,1-Dichloroethene	4.073	96	23459	44.61	ug/l		91
13) Acrolein	3.920	56	31338	866.04	ug/l		98
14) Allyl chloride	4.709	41	49261	64.40	ug/l	#	87
15) Acrylonitrile	5.420	53	128958	1233.34	ug/l		99
16) Acetone	4.156	43	105686	1289.02	ug/l		95
17) Carbon Disulfide	4.409	76	73532	43.41	ug/l		97
18) Methyl Acetate	4.720	43	80218	376.97	ug/l		92
19) Methyl tert-butyl Ether	5.473	73	132412	108.91	ug/l		94
20) Methylene Chloride	4.967	84	48453	87.69	ug/l		94
21) trans-1,2-Dichloroethene	5.467	96	32475	53.79	ug/l		94
22) Diisopropyl ether	6.361	45	127823	82.81	ug/l	#	93
23) Vinyl Acetate	6.309	43	404866	492.07	ug/l		98
24) 1,1-Dichloroethane	6.273	63	65452	65.44	ug/l		96
25) 2-Butanone	7.214	43	154285	1249.76	ug/l		93
26) 2,2-Dichloropropane	7.208	77	44246	46.76	ug/l		98
27) cis-1,2-Dichloroethene	7.214	96	46630	71.14	ug/l		98
28) Bromochloromethane	7.550	49	31689	93.00	ug/l	#	76
29) Tetrahydrofuran	7.567	42	100495	1255.75	ug/l		92
30) Chloroform	7.714	83	72313	71.55	ug/l		100
31) Cyclohexane	7.991	56	32039	32.22	ug/l		95
32) 1,1,1-Trichloroethane	7.908	97	45064	49.48	ug/l		96
36) 1,1-Dichloropropene	8.108	75	36474	34.31	ug/l		98
37) Ethyl Acetate	7.297	43	61557	163.67	ug/l		97
38) Carbon Tetrachloride	8.097	117	31896	32.05	ug/l		98
39) Methylcyclohexane	9.355	83	28127	20.23	ug/l		97
40) Benzene	8.355	78	150381	50.59	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
Data File : VD068289.D
Acq On : 04 Feb 2021 20:56
Operator : VA/SY
Sample : M1292-03MSD
Misc : 5.17G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

Manual Integrations APPROVED
MMDadoda
2/5/2021 10:50:36 AM

Quant Time: Feb 05 00:07:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	27980m	123.27	ug/l		
42) 1,2-Dichloroethane	8.426	62	62632	78.85	ug/l		98
43) Isopropyl Acetate	8.455	43	94491	120.56	ug/l		93
44) Trichloroethene	9.120	130	35204	43.12	ug/l		95
45) 1,2-Dichloropropane	9.391	63	44449	61.06	ug/l		95
46) Dibromomethane	9.473	93	33313	90.31	ug/l		93
47) Bromodichloromethane	9.667	83	63962	64.26	ug/l		99
48) Methyl methacrylate	9.461	41	48860	125.25	ug/l		96
49) 1,4-Dioxane	9.461	88	21156	4894.08	ug/l		90
51) 4-Methyl-2-Pentanone	10.232	43	302156	829.33	ug/l		97
52) Toluene	10.402	92	89868	46.40	ug/l		93
53) t-1,3-Dichloropropene	10.626	75	69691	69.18	ug/l		94
54) cis-1,3-Dichloropropene	10.091	75	74166	61.84	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	48449	92.68	ug/l		92
56) Ethyl methacrylate	10.661	69	67576	97.04	ug/l	#	93
57) 1,3-Dichloropropane	10.949	76	82526	89.47	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	186693	580.96	ug/l		91
59) 2-Hexanone	10.985	43	216207	856.10	ug/l		98
60) Dibromochloromethane	11.144	129	51357	78.35	ug/l		100
61) 1,2-Dibromoethane	11.249	107	49211	95.41	ug/l		98
64) Tetrachloroethene	10.879	164	24359	32.88	ug/l		93
65) Chlorobenzene	11.673	112	104435	46.76	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.744	131	42527	54.14	ug/l		95
67) Ethyl Benzene	11.744	91	158505	38.33	ug/l		98
68) m/p-Xylenes	11.855	106	119443	76.51	ug/l		99
69) o-Xylene	12.179	106	60494	41.72	ug/l		99
70) Styrene	12.196	104	108350	43.78	ug/l		96
71) Bromoform	12.361	173	34973	87.83	ug/l	#	100
73) Isopropylbenzene	12.479	105	129179	37.37	ug/l		99
74) N-amyl acetate	12.291	43	66290	92.26	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.732	83	68719	124.99	ug/l		99
76) 1,2,3-Trichloropropane	12.785	75	56023m	139.48	ug/l		
77) Bromobenzene	12.761	156	42349	57.14	ug/l		70
78) n-propylbenzene	12.820	91	144725	35.39	ug/l		96
79) 2-Chlorotoluene	12.908	91	101171	44.06	ug/l		95
80) 1,3,5-Trimethylbenzene	12.955	105	108859	37.81	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	21960	110.63	ug/l		94
82) 4-Chlorotoluene	13.002	91	105349	44.12	ug/l		95
83) tert-Butylbenzene	13.220	119	77588	31.81	ug/l		96
84) 1,2,4-Trimethylbenzene	13.267	105	114309	40.00	ug/l		100
85) sec-Butylbenzene	13.402	105	90505	26.52	ug/l		99
86) p-Isopropyltoluene	13.514	119	84796	27.32	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	61463	43.13	ug/l		97
88) 1,4-Dichlorobenzene	13.591	146	66218	47.17	ug/l		99
89) n-Butylbenzene	13.843	91	64320	21.59	ug/l		97
90) Hexachloroethane	14.108	117	14924	26.62	ug/l		90
91) 1,2-Dichlorobenzene	13.890	146	65836	53.94	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	13834	153.74	ug/l		82
93) 1,2,4-Trichlorobenzene	15.161	180	25665	30.67	ug/l		99
94) Hexachlorobutadiene	15.261	225	4591	9.90	ug/l		93
95) Naphthalene	15.396	128	129503	82.55	ug/l		99
96) 1,2,3-Trichlorobenzene	15.596	180	24559	34.80	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
Data File : VD068289.D
Acq On : 04 Feb 2021 20:56
Operator : VA/SY
Sample : M1292-03MSD
Misc : 5.17G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

Manual Integrations APPROVED
MMDadoda
2/5/2021 10:50:36 AM

Quant Time: Feb 05 00:07:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
Data File : VD068289.D
Acq On : 04 Feb 2021 20:56
Operator : VA/SY
Sample : M1292-03MSD
Misc : 5.17G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 05 00:07:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

Manual Integrations APPROVED
MMDadoda
2/5/2021 10:50:36 AM