Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040921\
Data File : BE101272.D
Acq On : 9 Apr 2021 16:45
Operator : CG/JU
Sample : M1966-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-110RRDL

Quant Time: Apr 10 00:41:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	620	0.40	ng	# 0.01
7) Naphthalene-d8	10.614	136	3886	0.40	ng	# 0.00
13) Acenaphthene-d10	14.457	164	4398	0.40	ng	0.01
19) Phenanthrene-d10	17.211	188	17862	0.40	ng	# 0.00
29) Chrysene-d12	21.365	240	34922	0.40	ng	# 0.01
36) Perylene-d12	23.845	264	29459	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.412	112	259	0.18	ng	-0.01
5) Phenol-d6	7.013	99	156	0.07	ng	0.02
8) Nitrobenzene-d5	8.977	82	529	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	1132	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	230	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	1788	0.11	ng	0.00
27) Fluoranthene-d10	19.221	212	52054	0.17	ng	0.00
31) Terphenyl-d14	19.819	244	12782	0.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	93	0.10	ng	# 1
9) Naphthalene	10.666	128	142955	3.38	ng	100
12) 2-Methylnaphthalene	12.267	142	583	0.08	ng	# 83
16) Acenaphthylene	14.169	152	1964	0.11	ng	# 84
17) Acenaphthene	14.515	154	2242	0.17	ng	98
18) Fluorene	15.502	166	4423	0.26	ng	99
25) Phenanthrene	17.241	178	19191	0.36	ng	# 96
26) Anthracene	17.332	178	21733	0.48	ng	# 84
28) Fluoranthene	19.250	202	23302	0.34	ng	99
30) Pyrene	19.612	202	20817	0.16	ng	97
32) Benzo(a)anthracene	21.341	228	12314	0.13	ng	# 89
33) Chrysene	21.402	228	9846	0.08	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.281	149	15854	0.22	ng	99
35) Indeno(1,2,3-cd)pyrene	26.459	276	5053	0.06	ng	96
37) Benzo(b)fluoranthene	23.085	252	9789	0.10	ng	# 79
38) Benzo(k)fluoranthene	23.132	252	7410	0.07	ng	# 74
39) Benzo(a)pyrene	23.730	252	6689	0.08	ng	# 70
40) Dibenzo(a,h)anthracene	26.488	278	3620	0.05	ng	# 56
41) Benzo(g,h,i)perylene	27.265	276	4650	0.05	ng	# 73

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

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