Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011620\
Data File : BE101078.D
Acq On : 16 Jan 2020 16:38
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Manual Integrations APPROVED
mohammad
1/17/2020 2:10:37 PM

Quant Time: Jan 17 13:05:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3128	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	10013	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	7784	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	18487	0.40	ng		0.00
27) Chrysene-d12	21.27	240	20116	0.40	ng		-0.01
34) Perylene-d12	23.69	264	25188	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	1764	0.25	ng		-0.01
5) Phenol-d6	6.91	99	1721	0.19	ng		-0.01
8) Nitrobenzene-d5	8.89	82	1618	0.23	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	3332	0.17	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	432	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	5512	0.19	ng		0.00
25) Fluoranthene-d10	19.12	212	58475	0.23	ng		-0.01
29) Terphenyl-d14	19.72	244	11129	0.23	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.55	128	6585	0.059	ng	#	92
16) Acenaphthylene	14.07	152	2338	0.074	ng		99
18) Fluorene	15.41	166	925	0.032	ng	#	90
23) Phenanthrene	17.14	178	9690	0.192	ng		99
24) Anthracene	17.23	178	3579m	0.075	ng		
26) Fluoranthene	19.15	202	24589	0.389	ng		99
28) Pyrene	19.51	202	25020	0.334	ng		99
30) Benzo(a)anthracene	21.26	228	10710m	0.187	ng		
31) Chrysene	21.31	228	18787	0.220	ng		96
32) Bis(2-ethylhexyl)phthalate	21.20	149	9912	0.104	ng		98
33) Indeno(1,2,3-cd)pyrene	26.22	276	10441	0.155	ng		95
35) Benzo(b)fluoranthene	22.95	252	18721m	0.265	ng		
36) Benzo(k)fluoranthene	22.98	252	12580m	0.123	ng		
37) Benzo(a)pyrene	23.58	252	11621	0.170	ng	#	95
38) Dibenzo(a,h)anthracene	26.24	278	2159	0.034	ng	#	75
39) Benzo(g,h,i)perylene	27.01	276	11697	0.151	ng		97

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

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