Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
Data File : BE101136.D
Acq On : 7 Feb 2020 13:57
Operator : CG/JU
Sample : PB126655BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB126655BS

Manual Integrations APPROVED
mohammad
2/11/2020 8:26:59 AM

Quant Time: Feb 07 15:28:11 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	7.70	152	1431	0.40	ng		-0.03
7) Naphthalene-d8	10.48	136	5612	0.40	ng		-0.01
13) Acenaphthene-d10	14.34	164	3516	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	7882	0.40	ng		-0.01
27) Chrysene-d12	21.27	240	8683	0.40	ng		-0.01
34) Perylene-d12	23.68	264	12328	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	1618m	0.50	ng		-0.02
5) Phenol-d6	6.91	99	2062m	0.51	ng		-0.01
8) Nitrobenzene-d5	8.87	82	2081	0.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	4146	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	218	0.22	ng		-0.01
15) 2-Fluorobiphenyl	12.99	172	6993	0.52	ng		-0.01
25) Fluoranthene-d10	19.11	212	40340	0.37	ng		-0.02
29) Terphenyl-d14	19.72	244	9822	0.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1146	0.301	ng	#	37
3) n-Nitrosodimethylamine	3.58	42	922	0.464	ng	#	90
6) bis(2-Chloroethyl)ether	7.15	93	1301	0.268	ng	#	90
9) Naphthalene	10.54	128	24428	0.392	ng	#	98
10) Hexachlorobutadiene	10.82	225	1038	0.393	ng		98
12) 2-Methylnaphthalene	12.17	142	3222	0.342	ng		99
16) Acenaphthylene	14.07	152	5712	0.399	ng		98
17) Acenaphthene	14.40	154	3692	0.360	ng		100
18) Fluorene	15.38	166	4623	0.357	ng		98
20) 4-Bromophenyl-phenylether	16.29	248	1418	0.369	ng		97
21) Hexachlorobenzene	16.39	284	1528	0.362	ng		96
22) Pentachlorophenol	16.75	266	17	0.261	ng	#	73
23) Phenanthrene	17.12	178	7257	0.337	ng		100
24) Anthracene	17.22	178	8071	0.397	ng		98
26) Fluoranthene	19.14	202	10064	0.373	ng		100
28) Pyrene	19.51	202	10394	0.322	ng		99
30) Benzo(a)anthracene	21.24	228	9421	0.380	ng		99
31) Chrysene	21.31	228	13841	0.376	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	22146	0.536	ng		99
33) Indeno(1,2,3-cd)pyrene	26.24	276	15035	0.517	ng	#	86
35) Benzo(b)fluoranthene	22.95	252	10891	0.315	ng		97
36) Benzo(k)fluoranthene	23.00	252	17999m	0.359	ng		
37) Benzo(a)pyrene	23.58	252	13510	0.404	ng		99
38) Dibenzo(a,h)anthracene	26.26	278	12412	0.404	ng		95
39) Benzo(g,h,i)perylene	27.01	276	14479	0.383	ng		98

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

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