Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008005.D
Acq On : 04 Oct 2019 16:11
Operator : JU
Sample : PB123223BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB123223BS

Manual Integrations APPROVED
mohammad
10/7/2019 8:45:16 AM

Quant Time: Oct 05 03:19:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3972	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	15610	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	9669	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	20340	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	23156	0.40	ng		-0.02
34) Perylene-d12	23.46	264	26065	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	4784	0.35	ng		-0.02
5) Phenol-d6	6.86	99	6044	0.35	ng		0.00
8) Nitrobenzene-d5	8.82	82	5288	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	11017	0.42	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	1757	0.33	ng		-0.02
15) 2-Fluorobiphenyl	12.92	172	15399	0.39	ng		-0.02
25) Fluoranthene-d10	19.08	212	28218	0.41	ng		-0.02
29) Terphenyl-d14	19.69	244	23785	0.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	1880m	0.425	ng		
3) n-Nitrosodimethylamine	2.97	42	1414	0.697	ng	#	92
6) bis(2-Chloroethyl)ether	7.11	93	4844	0.431	ng		94
9) Naphthalene	10.49	128	18239	0.416	ng		99
10) Hexachlorobutadiene	10.79	225	4097	0.444	ng	#	100
12) 2-Methylnaphthalene	12.11	142	12436	0.420	ng		100
16) Acenaphthylene	14.01	152	19055	0.372	ng		100
17) Acenaphthene	14.36	154	12159	0.368	ng		97
18) Fluorene	15.35	166	15509	0.366	ng		99
20) 4-Bromophenyl-phenylether	16.24	248	5053	0.409	ng	#	76
21) Hexachlorobenzene	16.37	284	6024	0.446	ng		97
22) Pentachlorophenol	16.72	266	1708	0.343	ng		96
23) Phenanthrene	17.09	178	25677	0.405	ng		100
24) Anthracene	17.18	178	23473	0.410	ng		100
26) Fluoranthene	19.11	202	32028	0.407	ng		99
28) Pyrene	19.48	202	33092	0.419	ng		100
30) Benzo(a)anthracene	21.23	228	34281	0.402	ng		100
31) Chrysene	21.28	228	33791	0.407	ng		100
32) Bis(2-ethylhexyl)phthalate	21.17	149	19089	0.435	ng		100
33) Indeno(1,2,3-cd)pyrene	25.66	276	42133	0.405	ng		98
35) Benzo(b)fluoranthene	22.80	252	36014m	0.398	ng		
36) Benzo(k)fluoranthene	22.84	252	35453	0.396	ng		97
37) Benzo(a)pyrene	23.36	252	34373	0.404	ng	#	88
38) Dibenzo(a,h)anthracene	25.67	278	34430	0.396	ng		97
39) Benzo(g,h,i)perylene	26.33	276	34608	0.402	ng		99

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

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