Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
Data File : BN011646.D
Acq On : 26 Aug 2020 15:44
Operator : CG/JU
Sample : PB131185BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131185BSD

Manual Integrations APPROVED
mohammad
8/27/2020 3:15:04 PM

Quant Time: Aug 26 16:37:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1940	0.40	ng		-0.02
7) Naphthalene-d8	10.53	136	7338	0.40	ng		-0.01
13) Acenaphthene-d10	14.38	164	4562	0.40	ng		-0.01
19) Phenanthrene-d10	17.13	188	10171	0.40	ng		-0.01
29) Chrysene-d12	21.32	240	11568	0.40	ng		-0.01
36) Perylene-d12	23.58	264	11891	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2259	0.36	ng		0.00
5) Phenol-d6	6.91	99	3062	0.35	ng		0.00
8) Nitrobenzene-d5	8.89	82	2906	0.46	ng		-0.01
11) 2-Methylnaphthalene-d10	12.13	152	5311	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	15.88	330	883	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	7434	0.42	ng		-0.01
27) Fluoranthene-d10	19.16	212	12776	0.39	ng		0.00
31) Terphenyl-d14	19.77	244	11603	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1302	0.433	ng	#	1
3) n-Nitrosodimethylamine	3.59	42	1504	0.475	ng	#	89
6) bis(2-Chloroethyl)ether	7.18	93	2487	0.399	ng		96
9) Naphthalene	10.58	128	8365	0.401	ng		95
10) Hexachlorobutadiene	10.87	225	1855	0.424	ng	#	96
12) 2-Methylnaphthalene	12.20	142	5978	0.388	ng		99
16) Acenaphthylene	14.10	152	8522	0.354	ng		99
17) Acenaphthene	14.45	154	6046	0.397	ng		98
18) Fluorene	15.44	166	7658	0.388	ng		98
20) 4,6-Dinitro-2-methylphenol	15.51	198	564	0.481	ng	#	29
21) 4-Bromophenyl-phenylether	16.32	248	2298	0.387	ng		98
22) Hexachlorobenzene	16.44	284	2845	0.415	ng		99
23) Atrazine	16.59	200	1555	0.265	ng		97
24) Pentachlorophenol	16.77	266	1192	0.394	ng		95
25) Phenanthrene	17.18	178	12917	0.409	ng		99
26) Anthracene	17.26	178	11183	0.359	ng		99
28) Fluoranthene	19.19	202	15304	0.400	ng		99
30) Pyrene	19.56	202	15824	0.386	ng		99
32) Benzo(a)anthracene	21.30	228	16607	0.398	ng		98
33) Chrysene	21.35	228	16599	0.417	ng		98
34) Bis(2-ethylhexyl)phthalate	21.25	149	7405	0.227	ng		96
35) Indeno(1,2,3-cd)pyrene	25.85	276	21421	0.441	ng	#	100
37) Benzo(b)fluoranthene	22.90	252	18226m	0.423	ng		
38) Benzo(k)fluoranthene	22.95	252	17953	0.419	ng	#	92
39) Benzo(a)pyrene	23.48	252	15704	0.391	ng		96
40) Dibenzo(a,h)anthracene	25.87	278	17782	0.424	ng	#	93
41) Benzo(g,h,i)perylene	26.55	276	17409	0.427	ng		96

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

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