Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100319\
Data File : BN008002.D
Acq On : 04 Oct 2019 04:10
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 04 05:43:10 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	7.69	152	4221	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	18277	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	11530	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	24258	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	25795	0.40	ng		-0.02
34) Perylene-d12	23.47	264	27656	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	5257	0.36	ng		-0.02
5) Phenol-d6	6.87	99	7251	0.40	ng		0.00
8) Nitrobenzene-d5	8.82	82	6424	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	13054	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	2401	0.38	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	18028	0.38	ng		-0.01
25) Fluoranthene-d10	19.09	212	33054	0.40	ng		-0.02
29) Terphenyl-d14	19.69	244	27762	0.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	1725	0.367	ng	#	93
3) n-Nitrosodimethylamine	2.98	42	1302	0.604	ng	#	89
6) bis(2-Chloroethyl)ether	7.12	93	5820	0.487	ng	#	87
9) Naphthalene	10.51	128	21067	0.411	ng		99
10) Hexachlorobutadiene	10.80	225	4660	0.431	ng	#	99
12) 2-Methylnaphthalene	12.12	142	14747	0.425	ng		100
16) Acenaphthylene	14.02	152	24177	0.395	ng		100
17) Acenaphthene	14.37	154	14547	0.369	ng		97
18) Fluorene	15.36	166	19015	0.376	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	6020	0.409	ng	#	89
21) Hexachlorobenzene	16.37	284	7026	0.436	ng		97
22) Pentachlorophenol	16.72	266	2661	0.448	ng		98
23) Phenanthrene	17.09	178	30420	0.403	ng		100
24) Anthracene	17.19	178	28878	0.423	ng		99
26) Fluoranthene	19.12	202	37978	0.404	ng		100
28) Pyrene	19.49	202	39121	0.445	ng		99
30) Benzo(a)anthracene	21.24	228	38714	0.408	ng		98
31) Chrysene	21.29	228	37911	0.410	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	23401	0.479	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	43467	0.375	ng		99
35) Benzo(b)fluoranthene	22.80	252	38750	0.404	ng	#	92
36) Benzo(k)fluoranthene	22.85	252	36561	0.385	ng	#	94
37) Benzo(a)pyrene	23.37	252	36063	0.400	ng	#	87
38) Dibenzo(a,h)anthracene	25.69	278	35496	0.384	ng	#	94
39) Benzo(g,h,i)perylene	26.35	276	35731	0.391	ng		96

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

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