Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
Data File : BN007538.D
Acq On : 05 Sep 2019 18:16
Operator : HP/JU
Sample : PB122822BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122822BSD

Quant Time: Sep 06 01:59:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5969	0.40	ng		-0.02
7) Naphthalene-d8	10.15	136	27379	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	16703	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	40309	0.40	ng		0.00
27) Chrysene-d12	21.00	240	35847	0.40	ng		-0.01
34) Perylene-d12	23.11	264	34006	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	6658	0.32	ng		-0.02
5) Phenol-d6	6.58	99	8320	0.31	ng		0.00
8) Nitrobenzene-d5	8.53	82	7640	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	18483	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.54	330	2627	0.30	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	26313	0.39	ng		0.00
25) Fluoranthene-d10	18.83	212	46878	0.36	ng		-0.01
29) Terphenyl-d14	19.46	244	38591	0.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	3973	0.401	ng	#	81
3) n-Nitrosodimethylamine	3.32	42	1291	0.280	ng	#	75
6) bis(2-Chloroethyl)ether	6.83	93	9033	0.419	ng		95
9) Naphthalene	10.19	128	30660	0.392	ng	#	90
10) Hexachlorobutadiene	10.49	225	5628	0.351	ng	#	100
12) 2-Methylnaphthalene	11.82	142	21667	0.407	ng		97
16) Acenaphthylene	13.75	152	32521	0.329	ng		99
17) Acenaphthene	14.10	154	22461	0.388	ng		98
18) Fluorene	15.09	166	29541	0.404	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	2551	0.160	ng	#	86
21) Hexachlorobenzene	16.10	284	10554	0.391	ng		97
22) Pentachlorophenol	16.45	266	2057	0.245	ng	#	67
23) Phenanthrene	16.83	178	48038	0.396	ng		99
24) Anthracene	16.92	178	41567	0.341	ng		100
26) Fluoranthene	18.86	202	57107	0.367	ng		98
28) Pyrene	19.23	202	58203	0.404	ng		99
30) Benzo(a)anthracene	20.99	228	52526	0.373	ng		100
31) Chrysene	21.05	228	51698	0.380	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	26488	0.272	ng		98
33) Indeno(1,2,3-cd)pyrene	25.17	276	52225	0.319	ng		92
35) Benzo(b)fluoranthene	22.49	252	50059	0.406	ng	#	95
36) Benzo(k)fluoranthene	22.53	252	53554	0.440	ng	#	96
37) Benzo(a)pyrene	23.02	252	44119	0.376	ng	#	95
38) Dibenzo(a,h)anthracene	25.18	278	42038	0.359	ng	#	68
39) Benzo(g,h,i)perylene	25.79	276	42574	0.365	ng		100

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

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