Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016321.D
Acq On : 18 Sep 2021 06:44
Operator : CG/JU
Sample : PB139177BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139177BSD

Quant Time: Sep 18 07:13:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 23:59:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	25754	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	118933	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	64310	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	118384	0.400	ng	#-0.01
29) Chrysene-d12	21.259	240	119529	0.400	ng	0.00
35) Perylene-d12	23.522	264	116322	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	24178	0.374	ng	0.04
5) Phenol-d6	6.877	99	27777	0.355	ng	0.00
8) Nitrobenzene-d5	8.822	82	26048	0.369	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	75696	0.404	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6047	0.320	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	92994	0.370	ng	0.00
27) Fluoranthene-d10	19.098	212	125150	0.365	ng	0.00
31) Terphenyl-d14	19.708	244	108880	0.393	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.327	88	7120	0.665	ng	# 90
3) n-Nitrosodimethylamine	3.641	42	9897	0.404	ng	# 75
6) bis(2-Chloroethyl)ether	7.126	93	27884	0.400	ng	94
9) Naphthalene	10.508	128	115626	0.361	ng	100
10) Hexachlorobutadiene	10.800	225	21908	0.360	ng	# 99
12) 2-Methylnaphthalene	12.123	142	77875	0.367	ng	99
16) Acenaphthylene	14.028	152	99602	0.333	ng	100
17) Acenaphthene	14.370	154	65915	0.355	ng	99
18) Fluorene	15.360	166	79120	0.344	ng	99
20) 4,6-Dinitro-2-methylph...	15.449	198	2148	0.491	ng	# 66
21) 4-Bromophenyl-phenylether	16.263	248	24248	0.350	ng	97
22) Hexachlorobenzene	16.360	284	24629	0.376	ng	# 90
23) Atrazine	16.543	200	18782	0.296	ng	98
24) Pentachlorophenol	16.713	266	16404	0.744	ng	99
25) Phenanthrene	17.103	178	121076	0.362	ng	99
26) Anthracene	17.188	178	112768	0.348	ng	99
28) Fluoranthene	19.127	202	138599	0.360	ng	99
30) Pyrene	19.490	202	139677	0.370	ng	99
32) Benzo(a)anthracene	21.238	228	140682	0.366	ng	97
33) Chrysene	21.291	228	143317	0.386	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	60830	0.294	ng	98
36) Indeno(1,2,3-cd)pyrene	25.819	276	154772	0.412	ng	99
37) Benzo(b)fluoranthene	22.841	252	146153	0.396	ng	99
38) Benzo(k)fluoranthene	22.885	252	143115	0.403	ng	100
39) Benzo(a)pyrene	23.423	252	135041	0.404	ng	98
40) Dibenzo(a,h)anthracene	25.843	278	131809	0.413	ng	95
41) Benzo(g,h,i)perylene	26.521	276	130327	0.411	ng	95

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

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