Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
Data File : BN016376.D
Acq On : 21 Sep 2021 14:03
Operator : CG/JU
Sample : PB139215BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139215BS

Quant Time: Sep 21 14:32:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	19523	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	82860	0.400	ng	# 0.00
13) Acenaphthene-d10	14.294	164	42941	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	83001	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	84227	0.400	ng	# 0.00
35) Perylene-d12	23.518	264	76602	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	16615	0.339	ng	0.00
5) Phenol-d6	6.858	99	19914	0.335	ng	0.00
8) Nitrobenzene-d5	8.809	82	26361	0.535	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	49097	0.376	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3839	0.304	ng	0.00
15) 2-Fluorobiphenyl	12.923	172	69751	0.415	ng	0.00
27) Fluoranthene-d10	19.092	212	87889	0.366	ng	0.00
31) Terphenyl-d14	19.703	244	76344	0.391	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3019	0.372	ng	# 76
3) n-Nitrosodimethylamine	3.613	42	7159	0.386	ng	# 73
6) bis(2-Chloroethyl)ether	7.116	93	21813	0.412	ng	93
9) Naphthalene	10.495	128	86700	0.388	ng	100
10) Hexachlorobutadiene	10.787	225	18223	0.429	ng	# 99
12) 2-Methylnaphthalene	12.114	142	56655	0.383	ng	99
16) Acenaphthylene	14.015	152	73830	0.369	ng	99
17) Acenaphthene	14.357	154	49111	0.396	ng	97
18) Fluorene	15.360	166	59338	0.386	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	3015	0.786	ng	# 64
21) 4-Bromophenyl-phenylether	16.250	248	19096	0.393	ng	# 86
22) Hexachlorobenzene	16.360	284	19658	0.429	ng	# 90
23) Atrazine	16.530	200	11750	0.264	ng	96
24) Pentachlorophenol	16.701	266	4511	0.292	ng	98
25) Phenanthrene	17.090	178	95520	0.407	ng	99
26) Anthracene	17.188	178	79947	0.352	ng	99
28) Fluoranthene	19.122	202	108100	0.400	ng	99
30) Pyrene	19.485	202	104592	0.393	ng	99
32) Benzo(a)anthracene	21.238	228	102700	0.380	ng	99
33) Chrysene	21.291	228	110060	0.420	ng	99
34) Bis(2-ethylhexyl)phtha...	21.195	149	30054	0.206	ng	97
36) Indeno(1,2,3-cd)pyrene	25.815	276	109782	0.444	ng	99
37) Benzo(b)fluoranthene	22.837	252	102778	0.422	ng	99
38) Benzo(k)fluoranthene	22.882	252	103898	0.444	ng	99
39) Benzo(a)pyrene	23.416	252	84839	0.386	ng	97
40) Dibenzo(a,h)anthracene	25.836	278	94714	0.451	ng	95
41) Benzo(g,h,i)perylene	26.513	276	95200	0.456	ng	95

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

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