Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016309.D
Acq On : 17 Sep 2021 22:53
Operator : CG/JU
Sample : PB139166BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139166BS

Quant Time: Sep 18 02:09:17 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	24603	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	114613	0.400	ng	# 0.00
13) Acenaphthene-d10	14.307	164	63943	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	118099	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	115279	0.400	ng	# 0.00
35) Perylene-d12	23.525	264	111211	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	21959	0.356	ng	0.04
5) Phenol-d6	6.877	99	25468	0.340	ng	0.00
8) Nitrobenzene-d5	8.835	82	22463	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.051	152	70113	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	5674	0.302	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	86282	0.345	ng	0.00
27) Fluoranthene-d10	19.102	212	119508	0.350	ng	0.00
31) Terphenyl-d14	19.713	244	103021	0.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.336	88	6485	0.634	ng	# 90
3) n-Nitrosodimethylamine	3.640	42	8547	0.365	ng	# 75
6) bis(2-Chloroethyl)ether	7.126	93	25224	0.378	ng	94
9) Naphthalene	10.508	128	105645	0.342	ng	99
10) Hexachlorobutadiene	10.799	225	20278	0.345	ng	# 99
12) 2-Methylnaphthalene	12.123	142	72559	0.354	ng	97
16) Acenaphthylene	14.027	152	98311	0.330	ng	99
17) Acenaphthene	14.370	154	61830	0.335	ng	100
18) Fluorene	15.360	166	76223	0.333	ng	99
20) 4,6-Dinitro-2-methylph...	15.448	198	1379	0.375	ng	# 71
21) 4-Bromophenyl-phenylether	16.263	248	23309	0.337	ng	# 92
22) Hexachlorobenzene	16.372	284	22944	0.352	ng	# 90
23) Atrazine	16.543	200	19462	0.308	ng	97
24) Pentachlorophenol	16.713	266	14274	0.649	ng	98
25) Phenanthrene	17.103	178	115096	0.345	ng	99
26) Anthracene	17.188	178	110885	0.343	ng	99
28) Fluoranthene	19.132	202	129902	0.338	ng	99
30) Pyrene	19.495	202	132545	0.364	ng	99
32) Benzo(a)anthracene	21.248	228	129666	0.350	ng	100
33) Chrysene	21.302	228	129878	0.362	ng	99
34) Bis(2-ethylhexyl)phtha...	21.206	149	61662	0.309	ng	99
36) Indeno(1,2,3-cd)pyrene	25.825	276	133805	0.373	ng	99
37) Benzo(b)fluoranthene	22.841	252	132764	0.376	ng	99
38) Benzo(k)fluoranthene	22.889	252	128726	0.379	ng	99
39) Benzo(a)pyrene	23.426	252	122876	0.385	ng	99
40) Dibenzo(a,h)anthracene	25.846	278	112796	0.370	ng	96
41) Benzo(g,h,i)perylene	26.524	276	114460	0.377	ng	96

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

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