Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028164.D
Acq On : 09 Oct 2023 16:59
Operator : MA/JU
Sample : PB155921BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155926BSD

Quant Time: Oct 09 18:08:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 12:40:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3653	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	10416	0.400	ng	# 0.01
13) Acenaphthene-d10	14.565	164	5077	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	9873	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	8637	0.400	ng	0.00
35) Perylene-d12	23.984	264	8880	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.473	112	3664	0.336	ng	0.00
5) Phenol-d6	7.091	99	4197	0.305	ng	0.00
8) Nitrobenzene-d5	9.123	82	3541	0.399	ng	0.00
11) 2-Methylnaphthalene-d10	12.328	152	7367	0.477	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	569	0.245	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	8188	0.448	ng	0.00
27) Fluoranthene-d10	19.360	212	9915	0.400	ng	0.00
31) Terphenyl-d14	19.945	244	9062	0.450	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	1405	0.343	ng	# 66
3) n-Nitrosodimethylamine	3.704	42	1896	0.404	ng	# 97
6) bis(2-Chloroethyl)ether	7.365	93	3904	0.353	ng	93
9) Naphthalene	10.788	128	11278	0.419	ng	100
10) Hexachlorobutadiene	11.013	225	2028	0.424	ng	# 100
12) 2-Methylnaphthalene	12.403	142	6741	0.358	ng	97
16) Acenaphthylene	14.298	152	8495	0.378	ng	98
17) Acenaphthene	14.630	154	5844	0.408	ng	98
18) Fluorene	15.618	166	7199	0.387	ng	98
20) 4,6-Dinitro-2-methylph...	16.785	198	44	0.335	ng	84
21) 4-Bromophenyl-phenylether	16.512	248	1977	0.384	ng	# 81
22) Hexachlorobenzene	16.598	284	2376	0.440	ng	95
23) Atrazine	16.785	200	1544	0.343	ng	98
24) Pentachlorophenol	16.958	266	6925	2.722	ng	94
25) Phenanthrene	17.368	178	11023	0.414	ng	99
26) Anthracene	17.467	178	9217	0.366	ng	99
28) Fluoranthene	19.388	202	12237	0.398	ng	100
30) Pyrene	19.755	202	12807	0.404	ng	99
32) Benzo(a)anthracene	21.506	228	11753	0.400	ng	99
33) Chrysene	21.551	228	12280	0.434	ng	99
34) Bis(2-ethylhexyl)phtha...	21.372	149	5407	0.280	ng	99
36) Indeno(1,2,3-cd)pyrene	26.571	276	15192	0.509	ng	99
37) Benzo(b)fluoranthene	23.218	252	12821	0.447	ng	98
38) Benzo(k)fluoranthene	23.267	252	12103	0.416	ng	98
39) Benzo(a)pyrene	23.873	252	10635	0.392	ng	95
40) Dibenzo(a,h)anthracene	26.583	278	12296	0.503	ng	96
41) Benzo(g,h,i)perylene	27.378	276	13233	0.528	ng	98

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

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