Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028418.D
Acq On : 02 Nov 2023 13:05
Operator : MA/JU
Sample : PB156828BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156828BSD

Quant Time: Nov 02 14:26:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.727	152	8575	0.400	ng	0.00
7) Naphthalene-d8	10.511	136	24833	0.400	ng	0.00
13) Acenaphthene-d10	14.362	164	12816	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	29605	0.400	ng	#-0.01
29) Chrysene-d12	21.327	240	22012	0.400	ng	0.00
35) Perylene-d12	23.639	264	19839	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	8004	0.357	ng	0.00
5) Phenol-d6	6.889	99	10055	0.354	ng	0.00
8) Nitrobenzene-d5	8.867	82	5591	0.348	ng	-0.01
11) 2-Methylnaphthalene-d10	12.109	152	13880	0.391	ng	0.00
14) 2,4,6-Tribromophenol	15.854	330	1554	0.311	ng	0.00
15) 2-Fluorobiphenyl	13.005	172	4751	0.312	ng	0.00
27) Fluoranthene-d10	19.156	212	27030	0.369	ng	0.00
31) Terphenyl-d14	19.769	244	17602	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	3001	0.316	ng	# 67
3) n-Nitrosodimethylamine	3.516	42	4160	0.393	ng	# 95
6) bis(2-Chloroethyl)ether	7.156	93	9899	0.403	ng	99
9) Naphthalene	10.564	128	26943	0.402	ng	99
10) Hexachlorobutadiene	10.863	225	4485	0.402	ng	# 100
12) 2-Methylnaphthalene	12.184	142	16956	0.363	ng	99
16) Acenaphthylene	14.084	152	24083	0.380	ng	100
17) Acenaphthene	14.427	154	16135	0.402	ng	99
18) Fluorene	15.421	166	22235	0.407	ng	100
20) 4,6-Dinitro-2-methylph...	15.496	198	797	0.362	ng	# 84
21) 4-Bromophenyl-phenylether	16.313	248	6450	0.393	ng	93
22) Hexachlorobenzene	16.412	284	7183	0.415	ng	97
23) Atrazine	16.586	200	4893	0.355	ng	99
24) Pentachlorophenol	16.760	266	4375	0.701	ng	99
25) Phenanthrene	17.157	178	35362	0.404	ng	100
26) Anthracene	17.244	178	30625	0.367	ng	100
28) Fluoranthene	19.184	202	38025	0.373	ng	100
30) Pyrene	19.546	202	38260	0.417	ng	100
32) Benzo(a)anthracene	21.309	228	33117	0.379	ng	99
33) Chrysene	21.363	228	35405	0.407	ng	99
34) Bis(2-ethylhexyl)phtha...	21.265	149	14415	0.319	ng	98
36) Indeno(1,2,3-cd)pyrene	26.013	276	33364	0.474	ng	99
37) Benzo(b)fluoranthene	22.940	252	34252	0.510	ng	99
38) Benzo(k)fluoranthene	22.987	252	31965	0.412	ng	99
39) Benzo(a)pyrene	23.534	252	25280	0.374	ng	97
40) Dibenzo(a,h)anthracene	26.039	278	27184	0.429	ng	97
41) Benzo(g,h,i)perylene	26.732	276	29201	0.430	ng	98

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

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