Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028343.D
Acq On : 23 Oct 2023 13:28
Operator : MA/JU
Sample : PB156530BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156530BS

Quant Time: Oct 23 15:15:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	3469	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	11041	0.400	ng	0.00
13) Acenaphthene-d10	14.534	164	6445	0.400	ng	0.00
19) Phenanthrene-d10	17.294	188	14429	0.400	ng	# 0.00
29) Chrysene-d12	21.488	240	11074	0.400	ng	0.00
35) Perylene-d12	23.943	264	9637	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.444	112	2149	0.199	ng	0.01
5) Phenol-d6	7.069	99	2867	0.216	ng	0.01
8) Nitrobenzene-d5	9.102	82	2120	0.216	ng	0.00
11) 2-Methylnaphthalene-d10	12.298	152	7130	0.430	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	524	0.167	ng	0.00
15) 2-Fluorobiphenyl	13.165	172	6011	0.265	ng	0.00
27) Fluoranthene-d10	19.328	212	8823	0.229	ng	0.00
31) Terphenyl-d14	19.922	244	7129	0.303	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	1821	0.434	ng	# 81
3) n-Nitrosodimethylamine	3.660	42	2541	0.555	ng	# 91
6) bis(2-Chloroethyl)ether	7.329	93	5505	0.538	ng	91
9) Naphthalene	10.757	128	15315	0.535	ng	98
10) Hexachlorobutadiene	10.959	225	2620	0.533	ng	# 98
12) 2-Methylnaphthalene	12.370	142	9742	0.479	ng	98
16) Acenaphthylene	14.266	152	13909	0.480	ng	99
17) Acenaphthene	14.598	154	9491	0.520	ng	98
18) Fluorene	15.581	166	13080	0.545	ng	100
20) 4,6-Dinitro-2-methylph...	15.779	198	454	0.605	ng	# 74
21) 4-Bromophenyl-phenylether	16.475	248	3712	0.500	ng	# 79
22) Hexachlorobenzene	16.561	284	3909	0.511	ng	96
23) Atrazine	16.760	200	3114	0.447	ng	94
24) Pentachlorophenol	16.971	266	1440	0.412	ng	96
25) Phenanthrene	17.331	178	20611	0.522	ng	99
26) Anthracene	17.430	178	17651	0.468	ng	100
28) Fluoranthene	19.360	202	22443	0.452	ng	98
30) Pyrene	19.727	202	22727	0.600	ng	99
32) Benzo(a)anthracene	21.479	228	19156	0.487	ng	97
33) Chrysene	21.533	228	20432	0.543	ng	97
34) Bis(2-ethylhexyl)phtha...	21.345	149	8868	0.295	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.516	276	19188	0.494	ng	# 86
37) Benzo(b)fluoranthene	23.180	252	17864	0.593	ng	# 95
38) Benzo(k)fluoranthene	23.232	252	17885	0.584	ng	# 96
39) Benzo(a)pyrene	23.835	252	15046	0.502	ng	96
40) Dibenzo(a,h)anthracene	26.530	278	15898	0.504	ng	95
41) Benzo(g,h,i)perylene	27.317	276	16476	0.506	ng	97

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

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