Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026746.D
Acq On : 25 Jul 2023 14:07
Operator : MA/JU
Sample : PB153977BSD
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153977BSD

Quant Time: Jul 25 15:34:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	1160	0.400	ng	0.00
7) Naphthalene-d8	10.639	136	3585	0.400	ng	# 0.01
13) Acenaphthene-d10	14.459	164	2715	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	5296	0.400	ng	# 0.00
29) Chrysene-d12	21.417	240	4003	0.400	ng	0.00
35) Perylene-d12	23.794	264	5052	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	653	0.232	ng	0.02
5) Phenol-d6	7.069	99	858	0.239	ng	0.03
8) Nitrobenzene-d5	9.059	82	762	0.249	ng	0.02
11) 2-Methylnaphthalene-d10	12.237	152	2656	0.507	ng	0.00
14) 2,4,6-Tribromophenol	15.990	330	311	0.315	ng	0.01
15) 2-Fluorobiphenyl	13.101	172	3363	0.321	ng	0.00
27) Fluoranthene-d10	19.253	212	4765	0.425	ng	0.00
31) Terphenyl-d14	19.853	244	3613	0.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	419	0.341	ng	# 42
3) n-Nitrosodimethylamine	3.639	42	481	0.387	ng	# 20
6) bis(2-Chloroethyl)ether	7.308	93	149	0.050	ng	# 21
9) Naphthalene	10.682	128	3527	0.363	ng	# 91
10) Hexachlorobutadiene	10.938	225	939	0.501	ng	# 99
12) 2-Methylnaphthalene	12.313	142	2433	0.356	ng	# 92
16) Acenaphthylene	14.191	152	4611	0.362	ng	99
17) Acenaphthene	14.523	154	2940	0.358	ng	97
18) Fluorene	15.519	166	3710	0.346	ng	99
21) 4-Bromophenyl-phenylether	16.412	248	1136	0.376	ng	# 87
22) Hexachlorobenzene	16.524	284	1427	0.471	ng	93
23) Atrazine	16.686	200	1192	0.459	ng	# 88
24) Pentachlorophenol	16.909	266	769	0.539	ng	92
25) Phenanthrene	17.256	178	5122	0.330	ng	99
26) Anthracene	17.368	178	4337	0.310	ng	98
28) Fluoranthene	19.286	202	5990	0.368	ng	# 92
30) Pyrene	19.648	202	6192	0.279	ng	99
32) Benzo(a)anthracene	21.408	228	5021	0.349	ng	97
33) Chrysene	21.453	228	5529	0.344	ng	97
34) Bis(2-ethylhexyl)phtha...	21.300	149	3586	0.279	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.256	276	7601	0.367	ng	# 82
37) Benzo(b)fluoranthene	23.075	252	5598	0.305	ng	# 86
38) Benzo(k)fluoranthene	23.121	252	5990	0.302	ng	# 84
39) Benzo(a)pyrene	23.694	252	5576	0.310	ng	# 81
40) Dibenzo(a,h)anthracene	26.276	278	5964	0.367	ng	# 82
41) Benzo(g,h,i)perylene	27.010	276	6796	0.359	ng	# 86

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

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