Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028355.D
Acq On : 23 Oct 2023 21:25
Operator : MA/JU
Sample : 04959-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Quant Time: Oct 24 03:20:53 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	4045	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	12906	0.400	ng	0.00
13) Acenaphthene-d10	14.523	164	7728	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	17135	0.400	ng	0.00
29) Chrysene-d12	21.488	240	12146	0.400	ng	# 0.00
35) Perylene-d12	23.937	264	10143	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.444	112	502	0.040	ng	0.01
5) Phenol-d6	7.084	99	399	0.026	ng	0.03
8) Nitrobenzene-d5	9.102	82	1842	0.161	ng	0.00
11) 2-Methylnaphthalene-d10	12.290	152	4451	0.229	ng	0.00
14) 2,4,6-Tribromophenol	16.052	330	320	0.085	ng	-0.01
15) 2-Fluorobiphenyl	13.154	172	7762	0.285	ng	-0.01
27) Fluoranthene-d10	19.323	212	9261	0.202	ng	0.00
31) Terphenyl-d14	19.908	244	8556	0.332	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	441	0.090	ng	# 74
3) n-Nitrosodimethylamine	3.660	42	340	0.064	ng	# 65
6) bis(2-Chloroethyl)ether	7.329	93	1921	0.161	ng	# 71
9) Naphthalene	10.757	128	4209	0.126	ng	# 95
10) Hexachlorobutadiene	10.959	225	632	0.110	ng	# 98
12) 2-Methylnaphthalene	12.366	142	2510	0.106	ng	97
16) Acenaphthylene	14.256	152	4062	0.117	ng	99
17) Acenaphthene	14.587	154	2414	0.110	ng	96
18) Fluorene	15.581	166	3260	0.113	ng	99
21) 4-Bromophenyl-phenylether	16.475	248	944	0.107	ng	91
22) Hexachlorobenzene	16.561	284	1010	0.111	ng	95
23) Atrazine	16.748	200	939	0.113	ng	# 94
25) Phenanthrene	17.331	178	5937	0.127	ng	99
26) Anthracene	17.430	178	4562	0.102	ng	98
28) Fluoranthene	19.351	202	6200	0.105	ng	97
30) Pyrene	19.723	202	6413	0.154	ng	99
32) Benzo(a)anthracene	21.471	228	4656	0.108	ng	99
33) Chrysene	21.524	228	4840	0.117	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	3287	0.100	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.519	276	4019	0.098	ng	99
37) Benzo(b)fluoranthene	23.183	252	3963	0.125	ng	# 74
38) Benzo(k)fluoranthene	23.232	252	3778	0.117	ng	# 70
39) Benzo(a)pyrene	23.835	252	3159	0.100	ng	# 54
40) Dibenzo(a,h)anthracene	26.530	278	3268	0.098	ng	# 77
41) Benzo(g,h,i)perylene	27.326	276	3489	0.102	ng	# 86

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

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