Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028349.D
Acq On : 23 Oct 2023 17:07
Operator : MA/JU
Sample : 04986-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-209-229-101923-FD

Quant Time: Oct 23 17:51:12 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	3266	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	11050	0.400	ng	0.00
13) Acenaphthene-d10	14.523	164	7135	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	16307	0.400	ng	0.00
29) Chrysene-d12	21.488	240	15103	0.400	ng	# 0.00
35) Perylene-d12	23.934	264	13134	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.444	112	561	0.055	ng	0.01
5) Phenol-d6	7.069	99	436	0.035	ng	0.01
8) Nitrobenzene-d5	9.102	82	1415	0.144	ng	0.00
11) 2-Methylnaphthalene-d10	12.283	152	3442	0.207	ng	-0.01
14) 2,4,6-Tribromophenol	16.052	330	588	0.169	ng	-0.01
15) 2-Fluorobiphenyl	13.154	172	5032	0.200	ng	-0.01
27) Fluoranthene-d10	19.318	212	10750	0.246	ng	0.00
31) Terphenyl-d14	19.908	244	9586	0.299	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	331	0.084	ng	# 74
3) n-Nitrosodimethylamine	3.675	42	192	0.045	ng	# 79
6) bis(2-Chloroethyl)ether	7.329	93	1380	0.143	ng	# 71
9) Naphthalene	10.746	128	3397	0.119	ng	95
10) Hexachlorobutadiene	10.959	225	452	0.092	ng	# 98
12) 2-Methylnaphthalene	12.358	142	2028	0.100	ng	# 95
16) Acenaphthylene	14.256	152	3208	0.100	ng	100
17) Acenaphthene	14.598	154	2053	0.102	ng	96
18) Fluorene	15.581	166	2939	0.111	ng	98
20) 4,6-Dinitro-2-methylph...	15.755	198	131	0.300	ng	# 1
21) 4-Bromophenyl-phenylether	16.474	248	985	0.117	ng	97
22) Hexachlorobenzene	16.561	284	967	0.112	ng	95
23) Atrazine	16.748	200	1089	0.138	ng	96
25) Phenanthrene	17.331	178	6125	0.137	ng	99
26) Anthracene	17.430	178	4839	0.114	ng	100
28) Fluoranthene	19.351	202	7058	0.126	ng	98
30) Pyrene	19.723	202	7269	0.141	ng	99
32) Benzo(a)anthracene	21.471	228	6576	0.123	ng	99
33) Chrysene	21.524	228	6481	0.126	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	9775	0.238	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.513	276	5026	0.095	ng	98
37) Benzo(b)fluoranthene	23.177	252	5777	0.141	ng	# 84
38) Benzo(k)fluoranthene	23.230	252	5495	0.132	ng	# 80
39) Benzo(a)pyrene	23.826	252	4481	0.110	ng	# 68
40) Dibenzo(a,h)anthracene	26.525	278	4064	0.095	ng	# 83
41) Benzo(g,h,i)perylene	27.314	276	4229	0.095	ng	# 91

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

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