Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029508.D
Acq On : 05 Feb 2024 15:10
Operator : MA/JU
Sample : PB158803BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158803BS

Quant Time: Feb 05 15:36:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	5522	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	14807	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	6304	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	10731	0.400	ng	0.00
29) Chrysene-d12	21.483	240	5872	0.400	ng	0.00
35) Perylene-d12	23.870	264	5428	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	4991	0.376	ng	0.00
5) Phenol-d6	7.060	99	5924	0.387	ng	0.00
8) Nitrobenzene-d5	9.057	82	4054	0.329	ng	0.00
11) 2-Methylnaphthalene-d10	12.284	152	8467	0.420	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	588	0.291	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	9355	0.346	ng	0.00
27) Fluoranthene-d10	19.317	212	7061	0.272	ng	0.00
31) Terphenyl-d14	19.926	244	4915	0.337	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	2511	0.323	ng	# 41
3) n-Nitrosodimethylamine	3.709	42	1886	0.298	ng	# 86
6) bis(2-Chloroethyl)ether	7.327	93	4906	0.336	ng	98
9) Naphthalene	10.744	128	12920	0.306	ng	99
10) Hexachlorobutadiene	11.021	225	2329	0.291	ng	# 100
12) 2-Methylnaphthalene	12.355	142	7342	0.296	ng	100
16) Acenaphthylene	14.254	152	9629	0.322	ng	100
17) Acenaphthene	14.596	154	6134	0.305	ng	99
18) Fluorene	15.580	166	7253	0.288	ng	99
20) 4,6-Dinitro-2-methylph...	15.666	198	449	0.285	ng	# 67
21) 4-Bromophenyl-phenylether	16.486	248	1986	0.311	ng	# 69
22) Hexachlorobenzene	16.585	284	2395	0.306	ng	99
23) Atrazine	16.759	200	1349	0.297	ng	99
24) Pentachlorophenol	16.933	266	761	0.306	ng	98
25) Phenanthrene	17.317	178	10019	0.316	ng	99
26) Anthracene	17.417	178	8272	0.306	ng	100
28) Fluoranthene	19.350	202	8869	0.249	ng	99
30) Pyrene	19.712	202	9324	0.345	ng	99
32) Benzo(a)anthracene	21.474	228	6323	0.315	ng	99
33) Chrysene	21.519	228	6728	0.295	ng	100
34) Bis(2-ethylhexyl)phtha...	21.420	149	3941	0.288	ng	98
36) Indeno(1,2,3-cd)pyrene	26.332	276	7023	0.322	ng	# 82
37) Benzo(b)fluoranthene	23.145	252	6151	0.317	ng	93
38) Benzo(k)fluoranthene	23.192	252	6058	0.298	ng	# 90
39) Benzo(a)pyrene	23.762	252	5416	0.320	ng	# 89
40) Dibenzo(a,h)anthracene	26.358	278	5550	0.319	ng	98
41) Benzo(g,h,i)perylene	27.077	276	6515	0.308	ng	96

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

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