Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034584.D
Acq On : 14 Oct 2024 22:55
Operator : RC/JU
Sample : PB164072BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Quant Time: Oct 15 00:06:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:52:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	5203	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	14775	0.400	ng	0.00
13) Acenaphthene-d10	14.008	164	7913	0.400	ng	-0.01
19) Phenanthrene-d10	16.771	188	13541	0.400	ng	#-0.01
29) Chrysene-d12	21.008	240	5062	0.400	ng	0.00
35) Perylene-d12	23.104	264	9196	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	4829	0.342	ng	0.00
5) Phenol-d6	6.578	99	4934	0.338	ng	0.01
8) Nitrobenzene-d5	8.504	82	3793	0.394	ng	-0.01
11) 2-Methylnaphthalene-d10	11.719	152	11978	0.541	ng	0.00
14) 2,4,6-Tribromophenol	15.530	330	1004	0.286	ng	0.00
15) 2-Fluorobiphenyl	12.629	172	10600	0.388	ng	-0.01
27) Fluoranthene-d10	18.825	212	11794	0.358	ng	0.00
31) Terphenyl-d14	19.452	244	7375	0.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	1925	0.307	ng	# 19
3) n-Nitrosodimethylamine	3.321	42	2642	0.462	ng	98
6) bis(2-Chloroethyl)ether	6.816	93	4769	0.399	ng	97
9) Naphthalene	10.169	128	16400	0.424	ng	99
10) Hexachlorobutadiene	10.458	225	3376	0.400	ng	# 99
12) 2-Methylnaphthalene	11.795	142	10255	0.412	ng	100
16) Acenaphthylene	13.730	152	13168	0.409	ng	100
17) Acenaphthene	14.072	154	9344	0.410	ng	100
18) Fluorene	15.077	166	10977	0.377	ng	100
20) 4,6-Dinitro-2-methylph...	16.287	198	73	0.392	ng	# 67
21) 4-Bromophenyl-phenylether	15.989	248	3041	0.414	ng	98
22) Hexachlorobenzene	16.088	284	4412	0.445	ng	99
23) Atrazine	16.287	200	2257	0.386	ng	99
24) Pentachlorophenol	16.448	266	1913	0.674	ng	96
25) Phenanthrene	16.821	178	15303	0.428	ng	99
26) Anthracene	16.908	178	12849	0.414	ng	99
28) Fluoranthene	18.853	202	15043	0.370	ng	99
30) Pyrene	19.220	202	15424	0.311	ng	100
33) Chrysene	21.035	228	16224	0.358	ng	99
36) Indeno(1,2,3-cd)pyrene	25.159	276	18763	0.525	ng	98
37) Benzo(b)fluoranthene	22.484	252	12783	0.416	ng	99
38) Benzo(k)fluoranthene	22.528	252	14905	0.426	ng	100
39) Benzo(a)pyrene	23.016	252	12624	0.473	ng	99
40) Dibenzo(a,h)anthracene	25.180	278	14187	0.519	ng	98
41) Benzo(g,h,i)perylene	25.779	276	16135	0.494	ng	99

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

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