Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027676.D
Acq On : 14 Sep 2023 12:39
Operator : MA/JU
Sample : PB155357BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Quant Time: Sep 14 13:15:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	7030	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	18034	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	7767	0.400	ng	-0.01
19) Phenanthrene-d10	17.405	188	15082	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	10433	0.400	ng	0.00
35) Perylene-d12	24.083	264	9379	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	6717	0.367	ng	0.00
5) Phenol-d6	7.178	99	7559	0.339	ng	0.00
8) Nitrobenzene-d5	9.219	82	5518	0.420	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	8815	0.333	ng	-0.01
14) 2,4,6-Tribromophenol	16.152	330	859	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12724	0.431	ng	-0.01
27) Fluoranthene-d10	19.430	212	13019	0.347	ng	0.00
31) Terphenyl-d14	20.015	244	8608	0.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	3157	0.368	ng	# 86
3) n-Nitrosodimethylamine	3.812	42	3595	0.395	ng	# 89
6) bis(2-Chloroethyl)ether	7.459	93	7961	0.370	ng	98
9) Naphthalene	10.895	128	19019	0.387	ng	99
10) Hexachlorobutadiene	11.120	225	3583	0.391	ng	# 99
12) 2-Methylnaphthalene	12.494	142	11684	0.334	ng	100
16) Acenaphthylene	14.384	152	12971	0.367	ng	99
17) Acenaphthene	14.715	154	9471	0.402	ng	98
18) Fluorene	15.693	166	11638	0.370	ng	99
20) 4,6-Dinitro-2-methylph...	16.859	198	79	0.368	ng	85
21) 4-Bromophenyl-phenylether	16.586	248	3291	0.414	ng	# 85
22) Hexachlorobenzene	16.673	284	3834	0.406	ng	98
23) Atrazine	16.859	200	2099	0.353	ng	97
24) Pentachlorophenol	17.033	266	992	0.273	ng	97
25) Phenanthrene	17.443	178	17487	0.394	ng	99
26) Anthracene	17.542	178	14095	0.374	ng	100
28) Fluoranthene	19.458	202	17804	0.341	ng	100
30) Pyrene	19.825	202	17833	0.430	ng	100
32) Benzo(a)anthracene	21.569	228	13828	0.387	ng	99
33) Chrysene	21.623	228	15936	0.405	ng	99
34) Bis(2-ethylhexyl)phtha...	21.435	149	6900	0.400	ng	94
36) Indeno(1,2,3-cd)pyrene	26.720	276	15290	0.402	ng	99
37) Benzo(b)fluoranthene	23.306	252	14534	0.400	ng	96
38) Benzo(k)fluoranthene	23.358	252	14367	0.385	ng	95
39) Benzo(a)pyrene	23.972	252	12414	0.366	ng	94
40) Dibenzo(a,h)anthracene	26.744	278	12367	0.414	ng	98
41) Benzo(g,h,i)perylene	27.542	276	14313	0.414	ng	99

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

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