Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052824\
Data File : BN031671.D
Acq On : 28 May 2024 12:16
Operator : MA/JU
Sample : PB161112BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161112BS

Quant Time: May 28 12:45:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	16089	0.400	ng	-0.03
7) Naphthalene-d8	10.474	136	52229	0.400	ng	#-0.02
13) Acenaphthene-d10	14.327	164	25662	0.400	ng	-0.02
19) Phenanthrene-d10	17.066	188	43405	0.400	ng	-0.03
29) Chrysene-d12	21.256	240	30300	0.400	ng	-0.02
35) Perylene-d12	23.493	264	33394	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	15181	0.332	ng	-0.01
5) Phenol-d6	6.859	99	20117	0.327	ng	-0.01
8) Nitrobenzene-d5	8.841	82	16390	0.437	ng	-0.02
11) 2-Methylnaphthalene-d10	12.066	152	31192	0.371	ng	-0.03
14) 2,4,6-Tribromophenol	15.812	330	2293	0.235	ng	-0.03
15) 2-Fluorobiphenyl	12.948	172	43004	0.435	ng	-0.03
27) Fluoranthene-d10	19.100	212	39141	0.325	ng	-0.02
31) Terphenyl-d14	19.709	244	26863	0.362	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	6997	0.354	ng	# 85
3) n-Nitrosodimethylamine	3.544	42	6560	0.336	ng	# 98
6) bis(2-Chloroethyl)ether	7.119	93	18184	0.339	ng	97
9) Naphthalene	10.517	128	49307	0.340	ng	96
10) Hexachlorobutadiene	10.805	225	7855	0.309	ng	# 100
12) 2-Methylnaphthalene	12.137	142	30797	0.311	ng	99
16) Acenaphthylene	14.039	152	39516	0.306	ng	100
17) Acenaphthene	14.392	154	26319	0.327	ng	97
18) Fluorene	15.375	166	30847	0.293	ng	100
20) 4,6-Dinitro-2-methylph...	15.450	198	1143	0.322	ng	# 54
21) 4-Bromophenyl-phenylether	16.271	248	8834	0.347	ng	93
22) Hexachlorobenzene	16.371	284	9420	0.367	ng	97
23) Atrazine	16.532	200	5823	0.252	ng	# 89
24) Pentachlorophenol	16.718	266	2649	0.292	ng	98
25) Phenanthrene	17.103	178	41524	0.342	ng	100
26) Anthracene	17.202	178	35124	0.292	ng	100
28) Fluoranthene	19.133	202	41304	0.280	ng	99
30) Pyrene	19.495	202	41782	0.341	ng	100
32) Benzo(a)anthracene	21.238	228	35432	0.303	ng	100
33) Chrysene	21.291	228	37027	0.333	ng	99
34) Bis(2-ethylhexyl)phtha...	21.184	149	14977	0.219	ng	98
36) Indeno(1,2,3-cd)pyrene	25.750	276	45430	0.341	ng	98
37) Benzo(b)fluoranthene	22.823	252	39666	0.331	ng	# 95
38) Benzo(k)fluoranthene	22.867	252	38584	0.340	ng	97
39) Benzo(a)pyrene	23.393	252	34672	0.333	ng	# 91
40) Dibenzo(a,h)anthracene	25.767	278	35657	0.338	ng	98
41) Benzo(g,h,i)perylene	26.440	276	38760	0.342	ng	98

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

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