Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031504.D
Acq On : 13 May 2024 16:29
Operator : MA/JU
Sample : PB160875BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160875BSD

Quant Time: May 13 17:04:53 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	7.704	152	10697	0.400	ng		-0.01
7) Naphthalene-d8	10.485	136	33319	0.400	ng		#-0.01
13) Acenaphthene-d10	14.338	164	17072	0.400	ng		-0.01
19) Phenanthrene-d10	17.078	188	37562	0.400	ng		-0.01
29) Chrysene-d12	21.265	240	29544	0.400	ng		0.00
35) Perylene-d12	23.502	264	29695	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	8371	0.276	ng		0.00
5) Phenol-d6	6.866	99	11659	0.285	ng		0.00
8) Nitrobenzene-d5	8.852	82	8460	0.354	ng		-0.01
11) 2-Methylnaphthalene-d10	12.077	152	18565	0.346	ng		-0.02
14) 2,4,6-Tribromophenol	15.825	330	1550	0.239	ng		-0.01
15) 2-Fluorobiphenyl	12.959	172	26041	0.396	ng		-0.02
27) Fluoranthene-d10	19.110	212	34257	0.329	ng		0.00
31) Terphenyl-d14	19.718	244	22821	0.316	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	4876	0.371	ng	#	83
3) n-Nitrosodimethylamine	3.544	42	5378	0.414	ng	#	80
6) bis(2-Chloroethyl)ether	7.133	93	12791	0.359	ng		93
9) Naphthalene	10.538	128	33467	0.361	ng		96
10) Hexachlorobutadiene	10.827	225	5825	0.359	ng	#	100
12) 2-Methylnaphthalene	12.153	142	20985	0.332	ng		99
16) Acenaphthylene	14.050	152	27294	0.318	ng		99
17) Acenaphthene	14.402	154	19440	0.363	ng		96
18) Fluorene	15.386	166	24322	0.347	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	1296	0.422	ng	#	40
21) 4-Bromophenyl-phenylether	16.284	248	7450	0.339	ng	#	91
22) Hexachlorobenzene	16.383	284	8620	0.389	ng		95
23) Atrazine	16.544	200	4293	0.215	ng	#	89
24) Pentachlorophenol	16.718	266	2054	0.262	ng		97
25) Phenanthrene	17.115	178	38454	0.366	ng		100
26) Anthracene	17.215	178	31550	0.303	ng		99
28) Fluoranthene	19.142	202	42434	0.332	ng		99
30) Pyrene	19.504	202	42282	0.353	ng		100
32) Benzo(a)anthracene	21.247	228	33939	0.298	ng		99
33) Chrysene	21.301	228	39064	0.360	ng		99
34) Bis(2-ethylhexyl)phtha...	21.202	149	11951	0.179	ng		95
36) Indeno(1,2,3-cd)pyrene	25.767	276	37774	0.319	ng		97
37) Benzo(b)fluoranthene	22.829	252	34932	0.328	ng	#	97
38) Benzo(k)fluoranthene	22.876	252	41531m	0.412	ng		
39) Benzo(a)pyrene	23.402	252	28246	0.305	ng	#	94
40) Dibenzo(a,h)anthracene	25.785	278	30254	0.323	ng		97
41) Benzo(g,h,i)perylene	26.449	276	30486	0.302	ng		98

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

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