Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101722\
Data File : BN022146.D
Acq On : 17 Oct 2022 11:24
Operator : CG/JU
Sample : PB148337BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148337BSD

Quant Time: Oct 17 15:27:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 01:51:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	4058	0.400	ng		-0.01
7) Naphthalene-d8	10.784	136	13623	0.400	ng		-0.01
13) Acenaphthene-d10	14.621	164	7945	0.400	ng		-0.01
19) Phenanthrene-d10	17.375	188	15864	0.400	ng		#-0.01
29) Chrysene-d12	21.582	240	9902	0.400	ng		# 0.00
35) Perylene-d12	24.049	264	8029	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.479	112	4509	0.480	ng		-0.01
5) Phenol-d6	7.112	99	6050	0.496	ng		-0.01
8) Nitrobenzene-d5	9.129	82	4858	0.444	ng		-0.01
11) 2-Methylnaphthalene-d10	12.380	152	8755	0.350	ng		-0.01
14) 2,4,6-Tribromophenol	16.121	330	1255	0.414	ng		-0.01
15) 2-Fluorobiphenyl	13.253	172	13471	0.388	ng		-0.01
27) Fluoranthene-d10	19.420	212	15558	0.369	ng		0.00
31) Terphenyl-d14	20.015	244	9148	0.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.298	88	1920	0.366	ng		98
3) n-Nitrosodimethylamine	3.638	42	2140	0.375	ng	#	92
6) bis(2-Chloroethyl)ether	7.379	93	5271	0.409	ng		98
9) Naphthalene	10.837	128	16464	0.400	ng		100
10) Hexachlorobutadiene	11.115	225	2688	0.377	ng	#	100
12) 2-Methylnaphthalene	12.085	142	3508	0.575	ng	#	90
16) Acenaphthylene	14.343	152	15707	0.415	ng		100
17) Acenaphthene	14.685	154	10401	0.391	ng		99
18) Fluorene	15.679	166	14260	0.445	ng		99
20) 4,6-Dinitro-2-methylph...	15.761	198	300	0.288	ng		90
21) 4-Bromophenyl-phenylether	16.568	248	3941	0.408	ng		95
22) Hexachlorobenzene	16.680	284	4572	0.380	ng		99
23) Atrazine	16.841	200	2863	0.399	ng		97
24) Pentachlorophenol	17.040	266	1160	0.315	ng		99
25) Phenanthrene	17.424	178	21050	0.386	ng		100
26) Anthracene	17.511	178	17824	0.407	ng		100
28) Fluoranthene	19.449	202	20813	0.356	ng		100
30) Pyrene	19.812	202	20606	0.474	ng		99
32) Benzo(a)anthracene	21.564	228	15459	0.415	ng		100
33) Chrysene	21.618	228	15734	0.381	ng		99
34) Bis(2-ethylhexyl)phtha...	21.483	149	11503	0.644	ng		98
36) Indeno(1,2,3-cd)pyrene	26.634	276	14710	0.363	ng		99
37) Benzo(b)fluoranthene	23.292	252	13627	0.358	ng		99
38) Benzo(k)fluoranthene	23.341	252	13573	0.358	ng		99
39) Benzo(a)pyrene	23.938	252	10967	0.378	ng		98
40) Dibenzo(a,h)anthracene	26.657	278	11655	0.360	ng		99
41) Benzo(g,h,i)perylene	27.435	276	12115	0.347	ng		99

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

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