Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029055.D
Acq On : 06 Dec 2023 14:46
Operator : MA/JU
Sample : PB156825BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156825BS

Quant Time: Dec 06 15:13:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	1063	0.400	ng		0.00
7) Naphthalene-d8	10.552	136	2132	0.400	ng		-0.01
13) Acenaphthene-d10	14.396	164	1632	0.400	ng		0.00
19) Phenanthrene-d10	17.147	188	4277	0.400	ng		0.00
29) Chrysene-d12	21.356	240	3040	0.400	ng		0.00
35) Perylene-d12	23.673	264	2684	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.385	112	872	0.363	ng		0.00
5) Phenol-d6	6.981	99	1016	0.353	ng		0.00
8) Nitrobenzene-d5	8.939	82	811	0.315	ng		0.00
11) 2-Methylnaphthalene-d10	12.144	152	1611	0.360	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	512	0.284	ng		0.00
15) 2-Fluorobiphenyl	13.028	172	2968	0.351	ng		0.00
27) Fluoranthene-d10	19.186	212	4248	0.316	ng		0.00
31) Terphenyl-d14	19.794	244	2630	0.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	247	0.289	ng	#	76
3) n-Nitrosodimethylamine	3.695	42	166	0.319	ng	#	57
6) bis(2-Chloroethyl)ether	7.226	93	873	0.429	ng		89
9) Naphthalene	10.605	128	2311	0.347	ng		99
10) Hexachlorobutadiene	10.872	225	1008	0.344	ng	#	97
12) 2-Methylnaphthalene	12.216	142	1753	0.324	ng		99
16) Acenaphthylene	14.118	152	3198	0.356	ng		99
17) Acenaphthene	14.460	154	2017	0.358	ng		99
18) Fluorene	15.444	166	3142	0.349	ng		98
20) 4,6-Dinitro-2-methylph...	15.545	198	438	0.339	ng		98
21) 4-Bromophenyl-phenylether	16.352	248	1364	0.353	ng		97
22) Hexachlorobenzene	16.439	284	1486	0.338	ng		98
23) Atrazine	16.650	200	1133	0.332	ng		97
24) Pentachlorophenol	16.799	266	1023	0.425	ng		98
25) Phenanthrene	17.184	178	5048	0.354	ng		100
26) Anthracene	17.283	178	4761	0.345	ng		99
28) Fluoranthene	19.213	202	6470	0.330	ng		99
30) Pyrene	19.580	202	6542	0.347	ng		100
32) Benzo(a)anthracene	21.338	228	5435	0.352	ng		98
33) Chrysene	21.392	228	5320	0.351	ng		98
34) Bis(2-ethylhexyl)phtha...	21.275	149	3140	0.330	ng		99
36) Indeno(1,2,3-cd)pyrene	26.050	276	5281	0.386	ng		100
37) Benzo(b)fluoranthene	22.968	252	5339	0.371	ng		94
38) Benzo(k)fluoranthene	23.015	252	5112	0.378	ng		95
39) Benzo(a)pyrene	23.570	252	4348	0.365	ng		91
40) Dibenzo(a,h)anthracene	26.076	278	4106	0.389	ng	#	90
41) Benzo(g,h,i)perylene	26.778	276	4511	0.391	ng	#	93

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

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