Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028986.D
Acq On : 02 Dec 2023 15:48
Operator : MA/JU
Sample : PB157240BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157240BS

Quant Time: Dec 03 08:14:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.782	152	3032	0.400	ng		-0.01
7) Naphthalene-d8	10.573	136	9057	0.400	ng		#-0.01
13) Acenaphthene-d10	14.407	164	3791	0.400	ng		-0.01
19) Phenanthrene-d10	17.159	188	10124	0.400	ng		-0.01
29) Chrysene-d12	21.356	240	5089	0.400	ng		#-0.02
35) Perylene-d12	23.678	264	139	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3345	0.364	ng		0.00
5) Phenol-d6	6.995	99	3574	0.351	ng		-0.01
8) Nitrobenzene-d5	8.950	82	2785	0.309	ng		-0.02
11) 2-Methylnaphthalene-d10	12.159	152	4544	0.313	ng		-0.01
14) 2,4,6-Tribromophenol	15.905	330	952	0.372	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	6347	0.388	ng		-0.01
27) Fluoranthene-d10	19.195	212	7674	0.288	ng		-0.01
31) Terphenyl-d14	19.803	244	6544	0.432	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	777	0.262	ng	#	30
3) n-Nitrosodimethylamine	3.738	42	56810	12.279	ng	#	18
6) bis(2-Chloroethyl)ether	7.240	93	3189	0.372	ng		99
9) Naphthalene	10.616	128	9012	0.313	ng		99
10) Hexachlorobutadiene	10.893	225	1615	0.275	ng	#	99
12) 2-Methylnaphthalene	12.231	142	5818	0.322	ng		97
16) Acenaphthylene	14.129	152	5354	0.267	ng		99
17) Acenaphthene	14.471	154	4523	0.339	ng		98
18) Fluorene	15.465	166	7669	0.454	ng		98
20) 4,6-Dinitro-2-methylph...	15.558	198	577	0.260	ng	#	73
21) 4-Bromophenyl-phenylether	16.364	248	2130	0.306	ng		93
22) Hexachlorobenzene	16.451	284	2521	0.295	ng		93
24) Pentachlorophenol	16.811	266	2792	0.701	ng		98
25) Phenanthrene	17.196	178	11150	0.334	ng		97
26) Anthracene	17.295	178	8925	0.289	ng		99
28) Fluoranthene	19.223	202	10578	0.304	ng		99
30) Pyrene	19.590	202	4540	0.211	ng		100
32) Benzo(a)anthracene	21.338	228	7446	0.344	ng		94
33) Chrysene	21.392	228	8672	0.408	ng		96
34) Bis(2-ethylhexyl)phtha...	21.284	149	6500	0.081	ng	#	90
36) Indeno(1,2,3-cd)pyrene	26.070	276	4641	7.662	ng	#	83
37) Benzo(b)fluoranthene	22.977	252	7624	13.407	ng	#	36
38) Benzo(k)fluoranthene	23.023	252	5133	9.567	ng	#	42
39) Benzo(a)pyrene	23.582	252	1661	3.270	ng	#	62
40) Dibenzo(a,h)anthracene	26.093	278	6514	13.897	ng	#	34
41) Benzo(g,h,i)perylene	26.801	276	3666	6.953	ng	#	84

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

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