Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
Data File : BN029023.D
Acq On : 03 Dec 2023 16:19
Operator : MA/JU
Sample : PB157495BS
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157495BS

Quant Time: Dec 04 00:44:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2150	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5878	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3431	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7688	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5954	0.400	ng	# 0.00
35) Perylene-d12	23.672	264	5780	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1787	0.274	ng	0.00
5) Phenol-d6	6.988	99	2123	0.294	ng	0.00
8) Nitrobenzene-d5	8.950	82	2001	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.147	152	4218	0.447	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	376	0.162	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	4946	0.334	ng	-0.01
27) Fluoranthene-d10	19.185	212	6242	0.309	ng	0.00
31) Terphenyl-d14	19.794	244	5863	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	390	0.185	ng	# 34
3) n-Nitrosodimethylamine	3.709	42	927	0.372	ng	# 79
6) bis(2-Chloroethyl)ether	7.233	93	1656	0.273	ng	97
9) Naphthalene	10.605	128	5332	0.285	ng	97
10) Hexachlorobutadiene	10.882	225	1099	0.288	ng	# 98
12) 2-Methylnaphthalene	12.223	142	3471	0.296	ng	97
16) Acenaphthylene	14.118	152	5685	0.313	ng	99
17) Acenaphthene	14.460	154	3458	0.287	ng	99
18) Fluorene	15.454	166	4908	0.321	ng	98
20) 4,6-Dinitro-2-methylph...	15.545	198	400	0.237	ng	# 87
21) 4-Bromophenyl-phenylether	16.352	248	1470	0.278	ng	98
22) Hexachlorobenzene	16.439	284	1767	0.272	ng	# 88
23) Atrazine	16.637	200	1320	0.285	ng	95
24) Pentachlorophenol	16.799	266	1022	0.338	ng	96
25) Phenanthrene	17.196	178	7254	0.286	ng	98
26) Anthracene	17.283	178	6614	0.282	ng	99
28) Fluoranthene	19.218	202	8211	0.311	ng	99
30) Pyrene	19.580	202	8392	0.278	ng	99
32) Benzo(a)anthracene	21.338	228	7323	0.289	ng	93
33) Chrysene	21.383	228	6951	0.280	ng	96
36) Indeno(1,2,3-cd)pyrene	26.044	276	7636	0.303	ng	# 93
37) Benzo(b)fluoranthene	22.965	252	7202	0.305	ng	# 31
38) Benzo(k)fluoranthene	23.012	252	6786	0.304	ng	# 32
39) Benzo(a)pyrene	23.567	252	5873	0.278	ng	# 27
40) Dibenzo(a,h)anthracene	26.079	278	6036	0.310	ng	# 30
41) Benzo(g,h,i)perylene	26.774	276	6420	0.293	ng	# 72

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

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