Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
Data File : BN029100.D
Acq On : 07 Dec 2023 20:44
Operator : MA/JU
Sample : 05611-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PE-7MS

Quant Time: Dec 07 22:56:50 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	967	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	1910	0.400	ng	-0.01
13) Acenaphthene-d10	14.385	164	1296	0.400	ng	-0.01
19) Phenanthrene-d10	17.134	188	2886	0.400	ng	#-0.01
29) Chrysene-d12	21.338	240	1660	0.400	ng	# 0.00
35) Perylene-d12	23.655	264	1855	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	604	0.276	ng	0.00
5) Phenol-d6	6.973	99	711	0.272	ng	0.00
8) Nitrobenzene-d5	8.939	82	617	0.268	ng	0.00
11) 2-Methylnaphthalene-d10	12.136	152	987	0.246	ng	-0.01
14) 2,4,6-Tribromophenol	15.893	330	285	0.199	ng	0.00
15) 2-Fluorobiphenyl	13.017	172	1926	0.287	ng	-0.01
27) Fluoranthene-d10	19.176	212	1974	0.218	ng	0.00
31) Terphenyl-d14	19.785	244	1317	0.313	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	191	0.245	ng	# 1
3) n-Nitrosodimethylamine	3.673	42	166	0.351	ng	# 81
6) bis(2-Chloroethyl)ether	7.219	93	910	0.492	ng	# 82
9) Naphthalene	10.594	128	1746	0.293	ng	97
10) Hexachlorobutadiene	10.861	225	653	0.249	ng	# 100
12) 2-Methylnaphthalene	12.212	142	1319	0.272	ng	99
16) Acenaphthylene	14.107	152	2373	0.333	ng	98
17) Acenaphthene	14.450	154	1398	0.312	ng	98
18) Fluorene	15.444	166	2070	0.290	ng	99
20) 4,6-Dinitro-2-methylph...	15.533	198	274	0.315	ng	# 83
21) 4-Bromophenyl-phenylether	16.340	248	848	0.325	ng	# 93
22) Hexachlorobenzene	16.426	284	927	0.312	ng	# 92
23) Atrazine	16.637	200	694	0.301	ng	# 93
24) Pentachlorophenol	16.799	266	430	0.265	ng	94
25) Phenanthrene	17.184	178	3193	0.331	ng	100
26) Anthracene	17.271	178	2977	0.320	ng	98
28) Fluoranthene	19.209	202	3969	0.300	ng	# 98
30) Pyrene	19.571	202	3953	0.384	ng	100
32) Benzo(a)anthracene	21.329	228	3011	0.358	ng	98
33) Chrysene	21.374	228	2733	0.330	ng	96
34) Bis(2-ethylhexyl)phtha...	21.266	149	2566	0.494	ng	95
36) Indeno(1,2,3-cd)pyrene	26.026	276	3257	0.344	ng	# 93
37) Benzo(b)fluoranthene	22.953	252	3166	0.318	ng	# 84
38) Benzo(k)fluoranthene	23.003	252	2838	0.304	ng	# 84
39) Benzo(a)pyrene	23.555	252	2655	0.322	ng	# 82
40) Dibenzo(a,h)anthracene	26.052	278	2474	0.339	ng	# 85
41) Benzo(g,h,i)perylene	26.751	276	2646	0.332	ng	# 87

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

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