Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028993.D
Acq On : 02 Dec 2023 21:10
Operator : MA/JU
Sample : 05404-13MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109MS

Quant Time: Dec 03 08:16:03 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	2387	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	7018	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	4458	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	10268	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	8707	0.400	ng	#-0.02
35) Perylene-d12	23.675	264	8349	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	714	0.099	ng	-0.01
5) Phenol-d6	6.995	99	561	0.070	ng	-0.01
8) Nitrobenzene-d5	8.950	82	2322	0.333	ng	-0.02
11) 2-Methylnaphthalene-d10	12.155	152	4505	0.400	ng	-0.02
14) 2,4,6-Tribromophenol	15.905	330	865	0.287	ng	-0.01
15) 2-Fluorobiphenyl	13.039	172	5986	0.311	ng	-0.01
27) Fluoranthene-d10	19.190	212	10329	0.382	ng	-0.02
31) Terphenyl-d14	19.799	244	9687	0.394	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.341	88	1504	0.643	ng	# 69
3) n-Nitrosodimethylamine	3.709	42	413	0.204	ng	# 59
6) bis(2-Chloroethyl)ether	7.233	93	2089	0.310	ng	98
9) Naphthalene	10.616	128	6194	0.278	ng	98
10) Hexachlorobutadiene	10.883	225	1104	0.242	ng	# 98
12) 2-Methylnaphthalene	12.231	142	4214	0.301	ng	97
16) Acenaphthylene	14.129	152	7774	0.329	ng	99
17) Acenaphthene	14.471	154	4611	0.294	ng	99
18) Fluorene	15.455	166	7128	0.359	ng	96
20) 4,6-Dinitro-2-methylph...	15.545	198	563	0.250	ng	# 46
21) 4-Bromophenyl-phenylether	16.352	248	2170	0.307	ng	# 77
22) Hexachlorobenzene	16.451	284	2561	0.295	ng	94
23) Atrazine	16.650	200	2216	0.358	ng	97
24) Pentachlorophenol	16.811	266	2163	0.536	ng	96
25) Phenanthrene	17.196	178	11721	0.346	ng	97
26) Anthracene	17.283	178	10515	0.336	ng	99
28) Fluoranthene	19.223	202	13791	0.391	ng	# 97
30) Pyrene	19.585	202	14341	0.309	ng	99
32) Benzo(a)anthracene	21.338	228	12195	0.329	ng	94
33) Chrysene	21.392	228	11934	0.328	ng	94
34) Bis(2-ethylhexyl)phtha...	21.284	149	13475	0.145	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.055	276	11378	0.313	ng	# 93
37) Benzo(b)fluoranthene	22.971	252	11623	0.340	ng	# 31
38) Benzo(k)fluoranthene	23.018	252	10989	0.341	ng	# 30
39) Benzo(a)pyrene	23.570	252	8712	0.286	ng	# 27
40) Dibenzo(a,h)anthracene	26.085	278	9430	0.335	ng	# 29
41) Benzo(g,h,i)perylene	26.783	276	8321	0.263	ng	# 73

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

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