Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028998.D
Acq On : 03 Dec 2023 00:11
Operator : MA/JU
Sample : 05404-18MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 03 08:17:20 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	1788	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5185	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3344	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	7802	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	6637	0.400	ng	#-0.02
35) Perylene-d12	23.675	264	6509	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	627	0.116	ng	-0.01
5) Phenol-d6	6.995	99	435	0.072	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1626	0.315	ng	-0.02
11) 2-Methylnaphthalene-d10	12.155	152	2984	0.359	ng	-0.02
14) 2,4,6-Tribromophenol	15.905	330	564	0.250	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	4239	0.294	ng	-0.01
27) Fluoranthene-d10	19.190	212	7918	0.386	ng	-0.02
31) Terphenyl-d14	19.799	244	7535	0.399	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	4092	2.337	ng	# 91
3) n-Nitrosodimethylamine	3.716	42	294m	0.198	ng	
6) bis(2-Chloroethyl)ether	7.240	93	1499	0.297	ng	98
9) Naphthalene	10.616	128	4504	0.273	ng	97
10) Hexachlorobutadiene	10.882	225	761	0.226	ng	# 100
12) 2-Methylnaphthalene	12.231	142	2992	0.289	ng	96
16) Acenaphthylene	14.129	152	5307	0.300	ng	99
17) Acenaphthene	14.471	154	3276	0.279	ng	98
18) Fluorene	15.454	166	4992	0.335	ng	97
20) 4,6-Dinitro-2-methylph...	15.558	198	379	0.221	ng	# 79
21) 4-Bromophenyl-phenylether	16.352	248	1627	0.303	ng	# 70
22) Hexachlorobenzene	16.451	284	1776	0.269	ng	92
23) Atrazine	16.650	200	1637	0.348	ng	95
24) Pentachlorophenol	16.811	266	1083	0.353	ng	97
25) Phenanthrene	17.196	178	8280	0.321	ng	97
26) Anthracene	17.283	178	7397	0.311	ng	99
28) Fluoranthene	19.223	202	10288	0.384	ng	# 98
30) Pyrene	19.585	202	10695	0.305	ng	99
32) Benzo(a)anthracene	21.338	228	9357	0.332	ng	95
33) Chrysene	21.392	228	9092	0.328	ng	95
34) Bis(2-ethylhexyl)phtha...	21.284	149	8432	0.079	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.055	276	9923	0.350	ng	# 93
37) Benzo(b)fluoranthene	22.968	252	9172	0.344	ng	# 33
38) Benzo(k)fluoranthene	23.018	252	8358	0.333	ng	# 32
39) Benzo(a)pyrene	23.567	252	7245	0.305	ng	# 28
40) Dibenzo(a,h)anthracene	26.084	278	7856	0.358	ng	# 30
41) Benzo(g,h,i)perylene	26.780	276	8140	0.330	ng	# 72

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

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