Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028933.D
Acq On : 01 Dec 2023 05:21
Operator : MA/JU
Sample : 05312-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP-03

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 05:54:26 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 00:28:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	5258	0.400	ng		0.00
7) Naphthalene-d8	10.594	136	15110	0.400	ng	#	0.00
13) Acenaphthene-d10	14.428	164	10606	0.400	ng		0.00
19) Phenanthrene-d10	17.184	188	11576	0.400	ng	#	0.00
29) Chrysene-d12	21.392	240	6487m	0.400	ng		0.02
35) Perylene-d12	23.740	264	10131	0.400	ng	#	0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	3767	0.236	ng		-0.01
5) Phenol-d6	7.031	99	4496	0.255	ng		-0.01
8) Nitrobenzene-d5	8.982	82	3205	0.213	ng		0.00
11) 2-Methylnaphthalene-d10	12.182	152	5155	0.213	ng		0.00
14) 2,4,6-Tribromophenol	15.930	330	390	0.054	ng		0.00
15) 2-Fluorobiphenyl	13.060	172	6475	0.141	ng		-0.01
27) Fluoranthene-d10	19.227	212	3342	0.110	ng		0.01
31) Terphenyl-d14	19.822	244	7634	0.408	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.658	128	13981766	291.187	ng		100
12) 2-Methylnaphthalene	12.257	142	1255197	41.602	ng		98
16) Acenaphthylene	14.161	152	1812348	32.257	ng		100
17) Acenaphthene	14.492	154	253793	6.805	ng		99
18) Fluorene	15.487	166	1955216	41.416	ng		99
25) Phenanthrene	17.246	178	10248927	268.146	ng		98
26) Anthracene	17.320	178	2873061	81.323	ng		98
28) Fluoranthene	19.269	202	9313327m	234.324	ng		
30) Pyrene	19.631	202	7342145	148.032	ng		97
32) Benzo(a)anthracene	21.374	228	3370289	122.194	ng		99
33) Chrysene	21.427	228	2579002	95.235	ng		94
34) Bis(2-ethylhexyl)phtha...	21.311	149	22036	0.585	ng	#	90
36) Indeno(1,2,3-cd)pyrene	26.181	276	1362055	30.854	ng	#	90
37) Benzo(b)fluoranthene	23.038	252	3187603	76.908	ng	#	24
38) Benzo(k)fluoranthene	23.076	252	1129731m	28.890	ng		
39) Benzo(a)pyrene	23.646	252	2380691	64.310	ng	#	16
40) Dibenzo(a,h)anthracene	26.184	278	342730	10.032	ng	#	28
41) Benzo(g,h,i)perylene	26.927	276	1206292	31.391	ng	#	67

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

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