Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028429.D
Acq On : 02 Nov 2023 19:47
Operator : MA/JU
Sample : 05005-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
N-2(5-10)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 01:49:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	6548	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	19987	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	11677	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	27498	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	26247	0.400	ng	# 0.00
35) Perylene-d12	23.637	264	26338	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	5005	0.293	ng	0.00
5) Phenol-d6	6.894	99	7145	0.330	ng	0.00
8) Nitrobenzene-d5	8.875	82	4466	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.110	152	8760	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	1215	0.267	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	2667	0.192	ng	0.00
27) Fluoranthene-d10	19.152	212	22073	0.325	ng	0.00
31) Terphenyl-d14	19.765	244	17189	0.311	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	1583	0.218	ng	# 69
6) bis(2-Chloroethyl)ether	7.154	93	3053	0.163	ng	95
9) Naphthalene	10.562	128	46823	0.868	ng	100
10) Hexachlorobutadiene	10.861	225	1341	0.149	ng	# 99
12) 2-Methylnaphthalene	12.182	142	19415	0.516	ng	97
16) Acenaphthylene	14.086	152	65909	1.143	ng	99
17) Acenaphthene	14.428	154	6803	0.186	ng	94
18) Fluorene	15.411	166	16944	0.340	ng	95
21) 4-Bromophenyl-phenylether	16.314	248	2376	0.156	ng	# 82
22) Hexachlorobenzene	16.413	284	2383	0.148	ng	# 90
23) Atrazine	16.587	200	2128	0.166	ng	# 74
24) Pentachlorophenol	16.761	266	1331	0.230	ng	95
25) Phenanthrene	17.158	178	59558m	0.733	ng	
26) Anthracene	17.245	178	66425	0.856	ng	98
28) Fluoranthene	19.185	202	548845	5.789	ng	99
30) Pyrene	19.547	202	735800	6.721	ng	98
32) Benzo(a)anthracene	21.310	228	265976m	2.554	ng	
33) Chrysene	21.364	228	293740	2.831	ng	97
34) Bis(2-ethylhexyl)phtha...	21.266	149	69879	1.298	ng	99
36) Indeno(1,2,3-cd)pyrene	26.005	276	188381	1.860	ng	94
37) Benzo(b)fluoranthene	22.938	252	343558	3.414	ng	98
38) Benzo(k)fluoranthene	22.982	252	124846m	1.211	ng	
39) Benzo(a)pyrene	23.532	252	260606	2.906	ng	99
40) Dibenzo(a,h)anthracene	26.029	278	52508	0.623	ng	# 92
41) Benzo(g,h,i)perylene	26.733	276	240545	2.667	ng	98

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

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