Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028368.D
Acq On : 24 Oct 2023 05:12
Operator : MA/JU
Sample : 04841-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
G-1-(5-10)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 24 08:19:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	5039	0.400	ng	0.00
7) Naphthalene-d8	10.682	136	16609	0.400	ng	-0.02
13) Acenaphthene-d10	14.523	164	14125	0.400	ng	-0.01
19) Phenanthrene-d10	17.282	188	16278	0.400	ng	#-0.01
29) Chrysene-d12	21.480	240	18539	0.400	ng	# 0.00
35) Perylene-d12	23.926	264	19064	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.416	112	3923	0.251	ng	-0.01
5) Phenol-d6	7.041	99	4959	0.257	ng	-0.01
8) Nitrobenzene-d5	9.070	82	3520	0.239	ng	-0.03
11) 2-Methylnaphthalene-d10	12.272	152	9107m	0.365	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	906	0.132	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	7890	0.159	ng	-0.02
27) Fluoranthene-d10	19.319	212	9637	0.221	ng	0.00
31) Terphenyl-d14	19.904	244	8504	0.216	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.292	88	1781	0.293	ng	# 62
3) n-Nitrosodimethylamine	3.646	42	2326	0.350	ng	92
6) bis(2-Chloroethyl)ether	7.315	93	6267	0.422	ng	# 90
9) Naphthalene	10.735	128	589855	13.692	ng	97
10) Hexachlorobutadiene	10.949	225	2878	0.389	ng	# 99
12) 2-Methylnaphthalene	12.343	142	322762	10.543	ng	100
16) Acenaphthylene	14.245	152	570293	8.985	ng	98
17) Acenaphthene	14.587	154	107030	2.676	ng	93
18) Fluorene	15.569	166	469751	8.923	ng	94
21) 4-Bromophenyl-phenylether	16.462	248	3713	0.443	ng	# 67
22) Hexachlorobenzene	16.549	284	3655	0.423	ng	# 76
23) Atrazine	16.748	200	3306	0.421	ng	# 69
24) Pentachlorophenol	16.922	266	15020m	3.811	ng	
25) Phenanthrene	17.331	178	3111453	69.830	ng	99
26) Anthracene	17.418	178	888539	20.879	ng	98
28) Fluoranthene	19.351	202	2332783	41.674	ng	99
30) Pyrene	19.718	202	2823399	44.507	ng	100
32) Benzo(a)anthracene	21.462	228	1403304	21.308	ng	99
33) Chrysene	21.515	228	1205380	19.123	ng	98
34) Bis(2-ethylhexyl)phtha...	21.336	149	17369	0.345	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.487	276	640505	8.334	ng	96
37) Benzo(b)fluoranthene	23.174	252	1275904	21.412	ng	# 89
38) Benzo(k)fluoranthene	23.215	252	525326m	8.666	ng	
39) Benzo(a)pyrene	23.817	252	1160436m	19.576	ng	
40) Dibenzo(a,h)anthracene	26.493	278	197051	3.158	ng	97
41) Benzo(g,h,i)perylene	27.294	276	662820	10.289	ng	95

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

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