Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028367.D
Acq On : 24 Oct 2023 04:36
Operator : MA/JU
Sample : 04841-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

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

Quant Time: Oct 24 08:19:18 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	5061	0.400	ng	0.00
7) Naphthalene-d8	10.682	136	16867	0.400	ng	-0.02
13) Acenaphthene-d10	14.523	164	14364	0.400	ng	-0.01
19) Phenanthrene-d10	17.282	188	18564	0.400	ng	#-0.01
29) Chrysene-d12	21.480	240	19282	0.400	ng	# 0.00
35) Perylene-d12	23.920	264	19961	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.416	112	3488	0.222	ng	-0.01
5) Phenol-d6	7.041	99	4359	0.225	ng	-0.01
8) Nitrobenzene-d5	9.070	82	3097	0.207	ng	-0.03
11) 2-Methylnaphthalene-d10	12.268	152	7975m	0.315	ng	-0.03
14) 2,4,6-Tribromophenol	16.028	330	891	0.127	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	7080	0.140	ng	-0.02
27) Fluoranthene-d10	19.319	212	10031	0.202	ng	0.00
31) Terphenyl-d14	19.904	244	8520	0.208	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.292	88	1524	0.249	ng	# 57
3) n-Nitrosodimethylamine	3.646	42	2075	0.311	ng	95
6) bis(2-Chloroethyl)ether	7.315	93	5592	0.375	ng	# 90
9) Naphthalene	10.735	128	530916	12.135	ng	97
10) Hexachlorobutadiene	10.949	225	2564	0.342	ng	# 100
12) 2-Methylnaphthalene	12.343	142	294134	9.461	ng	99
16) Acenaphthylene	14.245	152	546617	8.469	ng	98
17) Acenaphthene	14.587	154	100519	2.472	ng	93
18) Fluorene	15.569	166	426423	7.965	ng	# 98
21) 4-Bromophenyl-phenylether	16.462	248	3615	0.378	ng	# 70
22) Hexachlorobenzene	16.549	284	3632	0.369	ng	# 74
23) Atrazine	16.735	200	3272	0.365	ng	# 73
24) Pentachlorophenol	16.922	266	15472m	3.443	ng	
25) Phenanthrene	17.319	178	3160484	62.196	ng	100
26) Anthracene	17.418	178	868507	17.895	ng	# 90
28) Fluoranthene	19.351	202	2346902	36.763	ng	99
30) Pyrene	19.718	202	2832893	42.936	ng	97
32) Benzo(a)anthracene	21.462	228	1358881	19.838	ng	99
33) Chrysene	21.515	228	1126924	17.189	ng	98
34) Bis(2-ethylhexyl)phtha...	21.336	149	16723	0.320	ng	99
36) Indeno(1,2,3-cd)pyrene	26.481	276	590915	7.343	ng	97
37) Benzo(b)fluoranthene	23.168	252	1144328	18.341	ng	# 88
38) Benzo(k)fluoranthene	23.212	252	439408m	6.923	ng	
39) Benzo(a)pyrene	23.814	252	1075921m	17.335	ng	
40) Dibenzo(a,h)anthracene	26.484	278	180876	2.769	ng	97
41) Benzo(g,h,i)perylene	27.291	276	617081	9.148	ng	95

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

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