Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027776.D
Acq On : 20 Sep 2023 22:53
Operator : MA/JU
Sample : 04367-02MS 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PILE-2MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 21 04:24:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 20 13:45:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	3604	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	11970	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	6669	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17056	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	18577	0.400	ng	# 0.00
35) Perylene-d12	24.063	264	19871	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	371	0.041	ng	0.00
5) Phenol-d6	7.156	99	461	0.040	ng	0.00
8) Nitrobenzene-d5	9.208	82	482	0.051	ng	0.00
11) 2-Methylnaphthalene-d10	12.407	152	587	0.034	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	109	0.038	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	886	0.039	ng	0.00
27) Fluoranthene-d10	19.416	212	1797	0.041	ng	0.00
31) Terphenyl-d14	20.001	244	1660	0.046	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	175	0.040	ng	# 72
3) n-Nitrosodimethylamine	3.776	42	216	0.042	ng	# 90
6) bis(2-Chloroethyl)ether	7.445	93	537	0.048	ng	91
9) Naphthalene	10.885	128	7502	0.226	ng	99
10) Hexachlorobutadiene	11.109	225	302	0.052	ng	# 95
12) 2-Methylnaphthalene	12.479	142	2982	0.129	ng	96
16) Acenaphthylene	14.373	152	21210	0.744	ng	99
17) Acenaphthene	14.705	154	5763	0.285	ng	99
18) Fluorene	15.680	166	8224	0.280	ng	97
21) 4-Bromophenyl-phenylether	16.574	248	368	0.042	ng	# 68
22) Hexachlorobenzene	16.661	284	514	0.052	ng	94
23) Atrazine	16.847	200	356	0.055	ng	# 78
24) Pentachlorophenol	17.021	266	2102	0.640	ng	99
25) Phenanthrene	17.430	178	159158	3.190	ng	100
26) Anthracene	17.530	178	42226	0.989	ng	99
28) Fluoranthene	19.449	202	301842	4.922	ng	99
30) Pyrene	19.811	202	283398	4.246	ng	99
32) Benzo(a)anthracene	21.551	228	161984	2.513	ng	99
33) Chrysene	21.605	228	142885	2.013	ng	97
34) Bis(2-ethylhexyl)phtha...	21.426	149	12701	0.445	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.679	276	102424	1.212	ng	94
37) Benzo(b)fluoranthene	23.291	252	196335	2.499	ng	95
38) Benzo(k)fluoranthene	23.338	252	71400m	0.896	ng	
39) Benzo(a)pyrene	23.949	252	150736m	2.112	ng	
40) Dibenzo(a,h)anthracene	26.697	278	24751m	0.359	ng	
41) Benzo(g,h,i)perylene	27.504	276	108494	1.421	ng	98

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

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