Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027777.D
Acq On : 20 Sep 2023 23:29
Operator : MA/JU
Sample : 04367-02MSD 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PILE-2MSD

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

Quant Time: Sep 21 04:24:31 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	4121	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	13579	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	7633	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	18715	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	19624	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	20340	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	399	0.038	ng	0.00
5) Phenol-d6	7.156	99	455	0.035	ng	0.00
8) Nitrobenzene-d5	9.208	82	447	0.042	ng	0.00
11) 2-Methylnaphthalene-d10	12.407	152	591	0.030	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	100	0.031	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	938	0.036	ng	0.00
27) Fluoranthene-d10	19.416	212	1787	0.037	ng	0.00
31) Terphenyl-d14	20.001	244	1670	0.044	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	250	0.050	ng	# 63
3) n-Nitrosodimethylamine	3.776	42	228	0.039	ng	# 85
6) bis(2-Chloroethyl)ether	7.445	93	558	0.044	ng	96
9) Naphthalene	10.885	128	7669	0.204	ng	99
10) Hexachlorobutadiene	11.109	225	291	0.044	ng	# 99
12) 2-Methylnaphthalene	12.483	142	3117	0.119	ng	97
16) Acenaphthylene	14.373	152	21014	0.644	ng	100
17) Acenaphthene	14.705	154	5860	0.253	ng	99
18) Fluorene	15.680	166	8378	0.250	ng	98
21) 4-Bromophenyl-phenylether	16.574	248	360	0.038	ng	# 65
22) Hexachlorobenzene	16.661	284	509	0.047	ng	89
23) Atrazine	16.847	200	338	0.048	ng	# 78
24) Pentachlorophenol	17.021	266	2160	0.598	ng	98
25) Phenanthrene	17.430	178	157243	2.872	ng	100
26) Anthracene	17.530	178	41453	0.885	ng	99
28) Fluoranthene	19.449	202	292026	4.340	ng	99
30) Pyrene	19.816	202	275077	3.902	ng	99
32) Benzo(a)anthracene	21.551	228	154277	2.265	ng	97
33) Chrysene	21.605	228	140282	1.871	ng	97
34) Bis(2-ethylhexyl)phtha...	21.426	149	12626	0.419	ng	96
36) Indeno(1,2,3-cd)pyrene	26.679	276	96915	1.120	ng	94
37) Benzo(b)fluoranthene	23.294	252	190349	2.367	ng	95
38) Benzo(k)fluoranthene	23.338	252	61044m	0.748	ng	
39) Benzo(a)pyrene	23.952	252	140113m	1.918	ng	
40) Dibenzo(a,h)anthracene	26.700	278	23629m	0.335	ng	
41) Benzo(g,h,i)perylene	27.510	276	102634	1.314	ng	98

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

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