Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071524\
Data File : BN032721.D
Acq On : 15 Jul 2024 13:05
Operator : MA/JU
Sample : PB162031BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 15 13:31:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:45:48 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB162031BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	3591	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	10761	0.400	ng	-0.03
13) Acenaphthene-d10	14.199	164	5943	0.400	ng	-0.01
19) Phenanthrene-d10	16.967	188	11089	0.400	ng	-0.01
29) Chrysene-d12	21.175	240	10174	0.400	ng	-0.02
35) Perylene-d12	23.376	264	12188	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3767	0.415	ng	-0.01
5) Phenol-d6	6.787	99	4592	0.407	ng	0.00
8) Nitrobenzene-d5	8.756	82	3129	0.386	ng	-0.02
11) 2-Methylnaphthalene-d10	11.934	152	6147	0.373	ng	-0.03
14) 2,4,6-Tribromophenol	15.725	330	906	0.357	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	8997	0.407	ng	-0.03
27) Fluoranthene-d10	19.008	212	11699	0.408	ng	-0.01
31) Terphenyl-d14	19.611	244	7578	0.363	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.132	88	1824	0.410	ng	# 94
3) n-Nitrosodimethylamine	3.465	42	1360	0.362	ng	# 93
6) bis(2-Chloroethyl)ether	7.011	93	3475	0.369	ng	97
9) Naphthalene	10.378	128	11703	0.393	ng	100
10) Hexachlorobutadiene	10.624	225	2353	0.413	ng	# 99
12) 2-Methylnaphthalene	12.009	142	7000	0.359	ng	99
16) Acenaphthylene	13.922	152	9512	0.393	ng	99
17) Acenaphthene	14.264	154	6662	0.389	ng	99
18) Fluorene	15.258	166	8248	0.360	ng	99
20) 4,6-Dinitro-2-methylph...	15.472	198	44	0.311	ng	# 1
21) 4-Bromophenyl-phenylether	16.160	248	2563	0.393	ng	90
22) Hexachlorobenzene	16.259	284	2926	0.401	ng	99
23) Atrazine	16.445	200	1925	0.401	ng	95
24) Pentachlorophenol	16.644	266	986	0.364	ng	98
25) Phenanthrene	17.004	178	11277	0.372	ng	100
26) Anthracene	17.103	178	9325	0.374	ng	99
28) Fluoranthene	19.035	202	14583	0.398	ng	100
30) Pyrene	19.402	202	15452	0.372	ng	100
32) Benzo(a)anthracene	21.166	228	13387	0.416	ng	99
33) Chrysene	21.211	228	14799	0.387	ng	98
34) Bis(2-ethylhexyl)phtha...	21.068	149	8938m	0.502	ng	
36) Indeno(1,2,3-cd)pyrene	25.586	276	19518	0.406	ng	99
37) Benzo(b)fluoranthene	22.718	252	15127	0.356	ng	95
38) Benzo(k)fluoranthene	22.762	252	17452	0.360	ng	97
39) Benzo(a)pyrene	23.282	252	14537	0.380	ng	98
40) Dibenzo(a,h)anthracene	25.592	278	15460	0.407	ng	98
41) Benzo(g,h,i)perylene	26.268	276	16867	0.401	ng	98

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

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