Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028374.D
Acq On : 24 Oct 2023 12:33
Operator : MA/JU
Sample : PB156426BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 25 01:04:16 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

Instrument :
BNA_N
ClientSampleId :
PB156426BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	4574	0.400	ng	0.00
7) Naphthalene-d8	10.692	136	15360	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	7653	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	12111	0.400	ng	#-0.01
29) Chrysene-d12	21.479	240	9778	0.400	ng	# 0.00
35) Perylene-d12	23.925	264	11235	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	3572	0.251	ng	0.00
5) Phenol-d6	7.048	99	4517	0.258	ng	0.00
8) Nitrobenzene-d5	9.080	82	3293	0.242	ng	-0.02
11) 2-Methylnaphthalene-d10	12.275	152	10020m	0.434	ng	-0.02
14) 2,4,6-Tribromophenol	16.040	330	670	0.180	ng	-0.02
15) 2-Fluorobiphenyl	13.144	172	7782	0.289	ng	-0.02
27) Fluoranthene-d10	19.318	212	7134	0.220	ng	0.00
31) Terphenyl-d14	19.908	244	5661	0.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	2105	0.381	ng	# 85
3) n-Nitrosodimethylamine	3.653	42	3182	0.527	ng	# 97
6) bis(2-Chloroethyl)ether	7.315	93	7241	0.537	ng	99
9) Naphthalene	10.735	128	20913	0.525	ng	99
10) Hexachlorobutadiene	10.959	225	3681	0.538	ng	# 100
12) 2-Methylnaphthalene	12.351	142	13403	0.473	ng	99
16) Acenaphthylene	14.256	152	21108	0.614	ng	98
17) Acenaphthene	14.587	154	11424	0.527	ng	99
18) Fluorene	15.568	166	13647	0.478	ng	97
20) 4,6-Dinitro-2-methylph...	15.829	198	7	0.188	ng	# 1
21) 4-Bromophenyl-phenylether	16.462	248	3648	0.585	ng	# 71
22) Hexachlorobenzene	16.549	284	3752	0.584	ng	99
23) Atrazine	16.748	200	3324	0.568	ng	98
24) Pentachlorophenol	16.934	266	2592m	0.884	ng	
25) Phenanthrene	17.331	178	17353	0.523	ng	99
26) Anthracene	17.418	178	16107	0.509	ng	99
28) Fluoranthene	19.351	202	18291	0.439	ng	# 88
30) Pyrene	19.718	202	18582	0.555	ng	99
32) Benzo(a)anthracene	21.470	228	18609	0.536	ng	97
33) Chrysene	21.524	228	16991	0.511	ng	98
34) Bis(2-ethylhexyl)phtha...	21.336	149	11827	0.446	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.489	276	24124	0.533	ng	100
37) Benzo(b)fluoranthene	23.171	252	19545	0.557	ng	96
38) Benzo(k)fluoranthene	23.221	252	18175	0.509	ng	96
39) Benzo(a)pyrene	23.820	252	17562	0.503	ng	93
40) Dibenzo(a,h)anthracene	26.501	278	19685	0.535	ng	96
41) Benzo(g,h,i)perylene	27.293	276	19479	0.513	ng	97

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

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