Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025647.D
Acq On : 27 May 2023 16:24
Operator : CG/JU
Sample : 02880-14MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 29 00:53:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
TT158I1-20230519MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6381	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	18471	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	10332	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	21947	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	15206	0.400	ng	# 0.00
35) Perylene-d12	24.054	264	14070	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2142	0.131	ng	0.00
5) Phenol-d6	7.174	99	1539	0.079	ng	0.00
8) Nitrobenzene-d5	9.191	82	4487	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	12.419	152	9968	0.378	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	1078	0.516	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	12711	0.298	ng	0.00
27) Fluoranthene-d10	19.421	212	19873	0.400	ng	0.00
31) Terphenyl-d14	20.011	244	12115	0.364	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	1034	0.140	ng	# 80
3) n-Nitrosodimethylamine	3.751	42	908	0.114	ng	# 89
6) bis(2-Chloroethyl)ether	7.434	93	7707	0.382	ng	97
9) Naphthalene	10.889	128	16770	0.332	ng	99
10) Hexachlorobutadiene	11.177	225	2582	0.295	ng	# 97
12) 2-Methylnaphthalene	12.494	142	11059	0.318	ng	99
16) Acenaphthylene	14.373	152	16228	0.333	ng	99
17) Acenaphthene	14.715	154	10857	0.338	ng	100
18) Fluorene	15.693	166	14573	0.343	ng	99
20) 4,6-Dinitro-2-methylph...	15.780	198	1482	0.590	ng	# 43
21) 4-Bromophenyl-phenylether	16.586	248	4192	0.336	ng	# 86
22) Hexachlorobenzene	16.698	284	3833	0.337	ng	100
23) Atrazine	16.847	200	4318	0.434	ng	# 93
24) Pentachlorophenol	17.058	266	2615	1.517	ng	# 85
25) Phenanthrene	17.430	178	24795	0.371	ng	99
26) Anthracene	17.530	178	21188	0.351	ng	100
28) Fluoranthene	19.453	202	27851	0.382	ng	99
30) Pyrene	19.811	202	28806	0.389	ng	99
32) Benzo(a)anthracene	21.560	228	22409	0.396	ng	99
33) Chrysene	21.614	228	23754	0.387	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	16260	0.471	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.645	276	18944	0.351	ng	# 59
37) Benzo(b)fluoranthene	23.297	252	21938	0.410	ng	95
38) Benzo(k)fluoranthene	23.347	252	21425	0.384	ng	94
39) Benzo(a)pyrene	23.946	252	17737	0.347	ng	91
40) Dibenzo(a,h)anthracene	26.662	278	16543m	0.387	ng	
41) Benzo(g,h,i)perylene	27.437	276	15490	0.318	ng	98

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

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