Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025424.D
Acq On : 12 May 2023 05:40
Operator : CG/JU
Sample : 02723-04MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-14-050923MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

Quant Time: May 12 06:32:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.897	152	7599	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	22865	0.400	ng		# 0.00
13) Acenaphthene-d10	14.534	164	13485	0.400	ng		-0.01
19) Phenanthrene-d10	17.286	188	31230	0.400	ng		#-0.01
29) Chrysene-d12	21.482	240	25106	0.400	ng		#-0.01
35) Perylene-d12	23.907	264	23156	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.456	112	7082	0.402	ng		0.00
5) Phenol-d6	7.073	99	8982	0.375	ng		0.00
8) Nitrobenzene-d5	9.074	82	6109	0.331	ng		-0.01
11) 2-Methylnaphthalene-d10	12.298	152	15268m	0.506	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	2208	0.307	ng		-0.01
15) 2-Fluorobiphenyl	13.165	172	16619	0.355	ng		-0.01
27) Fluoranthene-d10	19.321	212	27433	0.384	ng		-0.01
31) Terphenyl-d14	19.916	244	20515	0.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	2389	0.340	ng	#	73
3) n-Nitrosodimethylamine	3.643	42	4663	0.414	ng	#	97
6) bis(2-Chloroethyl)ether	7.319	93	8023	0.439	ng		98
9) Naphthalene	10.750	128	24028	0.417	ng		100
10) Hexachlorobutadiene	11.027	225	4536	0.406	ng	#	100
12) 2-Methylnaphthalene	12.370	142	15921	0.400	ng		98
16) Acenaphthylene	14.256	152	24625	0.393	ng		99
17) Acenaphthene	14.598	154	15558	0.420	ng		99
18) Fluorene	15.592	166	21760	0.443	ng		99
20) 4,6-Dinitro-2-methylph...	15.722	198	393	0.411	ng		75
21) 4-Bromophenyl-phenylether	16.479	248	8342	0.474	ng		95
22) Hexachlorobenzene	16.603	284	8610	0.443	ng		99
23) Atrazine	16.752	200	6208	0.434	ng	#	92
24) Pentachlorophenol	16.951	266	3858	0.460	ng		98
25) Phenanthrene	17.336	178	35350	0.418	ng		99
26) Anthracene	17.423	178	32231	0.393	ng		99
28) Fluoranthene	19.355	202	41780	0.427	ng		100
30) Pyrene	19.717	202	44330	0.419	ng		99
32) Benzo(a)anthracene	21.464	228	37239	0.435	ng		96
33) Chrysene	21.518	228	35494	0.427	ng		96
34) Bis(2-ethylhexyl)phtha...	21.374	149	33313	0.404	ng		99
36) Indeno(1,2,3-cd)pyrene	26.430	276	34600	0.406	ng		99
37) Benzo(b)fluoranthene	23.164	252	33210	0.437	ng	#	90
38) Benzo(k)fluoranthene	23.217	252	33594	0.430	ng	#	90
39) Benzo(a)pyrene	23.799	252	28774	0.389	ng	#	88
40) Dibenzo(a,h)anthracene	26.439	278	27611	0.407	ng	#	89
41) Benzo(g,h,i)perylene	27.193	276	28329	0.395	ng		92

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

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