Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025312.D
Acq On : 06 May 2023 12:58
Operator : CG/JU
Sample : 02588-08MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 08 04:20:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 04:14:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	5704	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	19156	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	12014	0.400	ng		-0.01
19) Phenanthrene-d10	17.298	188	28943	0.400	ng		0.00
29) Chrysene-d12	21.500	240	29075	0.400	ng		0.00
35) Perylene-d12	23.933	264	29173	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	4074	0.293	ng		0.00
5) Phenol-d6	7.081	99	5525	0.317	ng		0.00
8) Nitrobenzene-d5	9.074	82	4040	0.256	ng		-0.01
11) 2-Methylnaphthalene-d10	12.306	152	10884m	0.416	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	1623	0.264	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	11213	0.272	ng		0.00
27) Fluoranthene-d10	19.334	212	18805	0.263	ng		0.00
31) Terphenyl-d14	19.924	244	13944	0.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	1764	0.294	ng	#	61
3) n-Nitrosodimethylamine	3.650	42	3311	0.362	ng		95
6) bis(2-Chloroethyl)ether	7.333	93	6447	0.420	ng		99
9) Naphthalene	10.761	128	35283	0.718	ng		99
10) Hexachlorobutadiene	11.049	225	3533	0.380	ng	#	99
12) 2-Methylnaphthalene	12.377	142	19581	0.564	ng		98
16) Acenaphthylene	14.266	152	42063	0.782	ng		99
17) Acenaphthene	14.609	154	18223	0.545	ng		99
18) Fluorene	15.603	166	25564	0.558	ng		98
20) 4,6-Dinitro-2-methylph...	15.710	198	1015	0.441	ng	#	55
21) 4-Bromophenyl-phenylether	16.492	248	6042	0.374	ng	#	80
22) Hexachlorobenzene	16.603	284	6980	0.401	ng		100
23) Atrazine	16.752	200	5524	0.391	ng		98
24) Pentachlorophenol	16.963	266	2527	0.641	ng		93
25) Phenanthrene	17.336	178	178023	2.223	ng		100
26) Anthracene	17.435	178	61706	0.823	ng		100
28) Fluoranthene	19.363	202	422877	4.226	ng		99
30) Pyrene	19.726	202	392439	3.948	ng		97
32) Benzo(a)anthracene	21.482	228	238804	2.430	ng		99
33) Chrysene	21.536	228	251040	2.566	ng		98
34) Bis(2-ethylhexyl)phtha...	21.392	149	48846	0.633	ng		100
36) Indeno(1,2,3-cd)pyrene	26.468	276	146107	1.249	ng		96
37) Benzo(b)fluoranthene	23.191	252	303900	3.286	ng		94
38) Benzo(k)fluoranthene	23.232	252	149402m	1.543	ng		
39) Benzo(a)pyrene	23.717	252	133006	1.404	ng		96
40) Dibenzo(a,h)anthracene	26.483	278	55553	0.602	ng		98
41) Benzo(g,h,i)perylene	27.249	276	135662	1.338	ng		98

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

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