Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
Data File : BN025460.D
Acq On : 17 May 2023 19:18
Operator : CG/JU
Sample : 02803-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-74-051523MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

Quant Time: May 18 03:41:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 03:36:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.084	152	5429	0.400	ng		0.00
7) Naphthalene-d8	10.910	136	15263	0.400	ng		0.00
13) Acenaphthene-d10	14.715	164	8820	0.400	ng		0.00
19) Phenanthrene-d10	17.460	188	19286	0.400	ng	#	0.00
29) Chrysene-d12	21.638	240	16195	0.400	ng	#	0.00
35) Perylene-d12	24.169	264	17756	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.622	112	4792	0.411	ng		0.00
5) Phenol-d6	7.232	99	7239	0.463	ng		0.00
8) Nitrobenzene-d5	9.244	82	3993	0.383	ng		0.00
11) 2-Methylnaphthalene-d10	12.487	152	10252m	0.480	ng		0.00
14) 2,4,6-Tribromophenol	16.194	330	996	0.333	ng		0.00
15) 2-Fluorobiphenyl	13.347	172	11235	0.348	ng		0.00
27) Fluoranthene-d10	19.481	212	15796	0.344	ng		0.00
31) Terphenyl-d14	20.071	244	10274	0.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.462	88	1853	0.365	ng	#	82
3) n-Nitrosodimethylamine	3.787	42	2258	0.368	ng	#	93
6) bis(2-Chloroethyl)ether	7.499	93	6161	0.260	ng		89
9) Naphthalene	10.953	128	15523	0.408	ng		99
10) Hexachlorobutadiene	11.252	225	2980	0.399	ng	#	99
12) 2-Methylnaphthalene	12.559	142	10504	0.375	ng		100
16) Acenaphthylene	14.437	152	15772	0.388	ng		100
17) Acenaphthene	14.780	154	10777	0.426	ng		95
18) Fluorene	15.759	166	13158	0.396	ng		98
20) 4,6-Dinitro-2-methylph...	15.821	198	1363	0.553	ng	#	58
21) 4-Bromophenyl-phenylether	16.641	248	4770	0.426	ng	#	75
22) Hexachlorobenzene	16.765	284	4403	0.424	ng		99
23) Atrazine	16.901	200	3866	0.411	ng	#	95
24) Pentachlorophenol	17.100	266	2454	0.687	ng		98
25) Phenanthrene	17.497	178	22387	0.413	ng		99
26) Anthracene	17.584	178	20272	0.386	ng		100
28) Fluoranthene	19.511	202	25255	0.393	ng	#	97
30) Pyrene	19.873	202	27002	0.437	ng		100
32) Benzo(a)anthracene	21.620	228	24818	0.436	ng		99
33) Chrysene	21.674	228	23800	0.421	ng		99
34) Bis(2-ethylhexyl)phtha...	21.540	149	35809	1.076	ng		99
36) Indeno(1,2,3-cd)pyrene	26.829	276	29557	0.412	ng	#	86
37) Benzo(b)fluoranthene	23.391	252	26525	0.426	ng		98
38) Benzo(k)fluoranthene	23.443	252	26548	0.415	ng		97
39) Benzo(a)pyrene	24.052	252	22369	0.377	ng		98
40) Dibenzo(a,h)anthracene	26.858	278	24521	0.425	ng		98
41) Benzo(g,h,i)perylene	27.639	276	25089	0.413	ng		100

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

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