Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025697.D
Acq On : 29 May 2023 01:10
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 29 01:57:15 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.012	152	5906	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16005	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	8307	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	15467	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	8805	0.400	ng		0.00
35) Perylene-d12	24.051	264	9000	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	6188	0.409	ng		0.00
5) Phenol-d6	7.167	99	7308	0.403	ng		0.00
8) Nitrobenzene-d5	9.180	82	5340	0.399	ng		-0.01
11) 2-Methylnaphthalene-d10	12.415	152	9004	0.394	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	742	0.442	ng		-0.01
15) 2-Fluorobiphenyl	13.283	172	14169	0.413	ng		0.00
27) Fluoranthene-d10	19.421	212	12925	0.369	ng		0.00
31) Terphenyl-d14	20.011	244	7806	0.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2996	0.438	ng		97
3) n-Nitrosodimethylamine	3.744	42	2442	0.332	ng	#	92
6) bis(2-Chloroethyl)ether	7.434	93	7803	0.418	ng		99
9) Naphthalene	10.878	128	18219	0.416	ng		99
10) Hexachlorobutadiene	11.166	225	3178	0.419	ng	#	97
12) 2-Methylnaphthalene	12.491	142	11732	0.390	ng		99
16) Acenaphthylene	14.373	152	15558	0.397	ng		99
17) Acenaphthene	14.705	154	10538	0.408	ng		100
18) Fluorene	15.693	166	13415	0.393	ng		100
20) 4,6-Dinitro-2-methylph...	15.780	198	832	0.500	ng	#	75
21) 4-Bromophenyl-phenylether	16.586	248	3661	0.417	ng	#	83
22) Hexachlorobenzene	16.698	284	3391	0.423	ng		98
23) Atrazine	16.847	200	2644	0.377	ng	#	93
24) Pentachlorophenol	17.071	266	407	0.724	ng	#	82
25) Phenanthrene	17.430	178	19426	0.413	ng		100
26) Anthracene	17.530	178	16937	0.398	ng		100
28) Fluoranthene	19.449	202	18904	0.368	ng		100
30) Pyrene	19.811	202	19085	0.445	ng		99
32) Benzo(a)anthracene	21.560	228	12869	0.392	ng		99
33) Chrysene	21.614	228	15391	0.433	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	7987	0.400	ng		100
36) Indeno(1,2,3-cd)pyrene	26.636	276	16648	0.482	ng	#	63
37) Benzo(b)fluoranthene	23.294	252	13645	0.398	ng		100
38) Benzo(k)fluoranthene	23.344	252	13896	0.389	ng		100
39) Benzo(a)pyrene	23.943	252	13439	0.410	ng		98
40) Dibenzo(a,h)anthracene	26.662	278	12784	0.468	ng		99
41) Benzo(g,h,i)perylene	27.431	276	15066	0.483	ng		98

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

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