Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
Data File : BN025509.D
Acq On : 20 May 2023 05:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 20 05:43:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.077	152	4529	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	12916	0.400	ng		#-0.01
13) Acenaphthene-d10	14.705	164	7746	0.400	ng		0.00
19) Phenanthrene-d10	17.447	188	17148	0.400	ng		# 0.00
29) Chrysene-d12	21.611	240	11821	0.400	ng		#-0.02
35) Perylene-d12	24.116	264	10101	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	4998	0.489	ng		0.00
5) Phenol-d6	7.218	99	6308	0.481	ng		0.00
8) Nitrobenzene-d5	9.234	82	5096	0.494	ng		0.00
11) 2-Methylnaphthalene-d10	12.472	152	8864	0.494	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1390	0.460	ng		-0.01
15) 2-Fluorobiphenyl	13.336	172	15473	0.522	ng		0.00
27) Fluoranthene-d10	19.464	212	18344	0.463	ng		0.00
31) Terphenyl-d14	20.053	244	11543	0.549	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	2355	0.510	ng		99
3) n-Nitrosodimethylamine	3.787	42	2444	0.480	ng	#	93
6) bis(2-Chloroethyl)ether	7.485	93	6385	0.500	ng		98
9) Naphthalene	10.942	128	16501	0.502	ng		99
10) Hexachlorobutadiene	11.230	225	3041	0.487	ng	#	98
12) 2-Methylnaphthalene	12.544	142	11833	0.498	ng		99
16) Acenaphthylene	14.427	152	17305	0.489	ng		100
17) Acenaphthene	14.758	154	11811	0.506	ng		99
18) Fluorene	15.747	166	14947	0.518	ng		99
20) 4,6-Dinitro-2-methylph...	15.809	198	1770	0.496	ng	#	83
21) 4-Bromophenyl-phenylether	16.628	248	5009	0.496	ng	#	77
22) Hexachlorobenzene	16.752	284	4570	0.485	ng		96
23) Atrazine	16.889	200	3802	0.463	ng	#	93
24) Pentachlorophenol	17.087	266	1901	0.400	ng		98
25) Phenanthrene	17.485	178	25013	0.498	ng		99
26) Anthracene	17.571	178	23000	0.489	ng		100
28) Fluoranthene	19.494	202	27230	0.477	ng		99
30) Pyrene	19.856	202	27189	0.576	ng		100
32) Benzo(a)anthracene	21.593	228	22186	0.518	ng		99
33) Chrysene	21.656	228	22707	0.535	ng		99
34) Bis(2-ethylhexyl)phtha...	21.522	149	12546	0.498	ng		99
36) Indeno(1,2,3-cd)pyrene	26.735	276	18023	0.441	ng		99
37) Benzo(b)fluoranthene	23.350	252	19800	0.528	ng		97
38) Benzo(k)fluoranthene	23.397	252	19910	0.520	ng		98
39) Benzo(a)pyrene	24.002	252	17195	0.487	ng		96
40) Dibenzo(a,h)anthracene	26.759	278	14534	0.444	ng		96
41) Benzo(g,h,i)perylene	27.539	276	14843	0.430	ng		99

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

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