Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025642.D
Acq On : 27 May 2023 13:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 29 00:52:20 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	8.019	152	5797	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16946	0.400	ng		# 0.00
13) Acenaphthene-d10	14.651	164	9841	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	21230	0.400	ng		# 0.00
29) Chrysene-d12	21.578	240	15361	0.400	ng		# 0.00
35) Perylene-d12	24.069	264	14575	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	5967	0.402	ng		0.00
5) Phenol-d6	7.174	99	7191	0.404	ng		0.00
8) Nitrobenzene-d5	9.191	82	5306	0.374	ng		0.00
11) 2-Methylnaphthalene-d10	12.423	152	9641	0.399	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	1005	0.505	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	16209	0.399	ng		0.00
27) Fluoranthene-d10	19.421	212	19709	0.410	ng		0.00
31) Terphenyl-d14	20.016	244	12821	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2719	0.405	ng		97
3) n-Nitrosodimethylamine	3.744	42	2514	0.348	ng	#	88
6) bis(2-Chloroethyl)ether	7.434	93	7676	0.419	ng		99
9) Naphthalene	10.889	128	18692	0.403	ng		99
10) Hexachlorobutadiene	11.177	225	3232	0.402	ng	#	96
12) 2-Methylnaphthalene	12.495	142	12891	0.404	ng		99
16) Acenaphthylene	14.373	152	18317	0.394	ng		99
17) Acenaphthene	14.715	154	12397	0.405	ng		99
18) Fluorene	15.693	166	16412	0.406	ng		100
20) 4,6-Dinitro-2-methylph...	15.792	198	734	0.368	ng	#	76
21) 4-Bromophenyl-phenylether	16.586	248	4795	0.398	ng	#	90
22) Hexachlorobenzene	16.698	284	4495	0.408	ng		98
23) Atrazine	16.847	200	3781	0.393	ng		95
24) Pentachlorophenol	17.071	266	601	0.746	ng	#	89
25) Phenanthrene	17.431	178	26382	0.408	ng		99
26) Anthracene	17.530	178	23194	0.397	ng		99
28) Fluoranthene	19.453	202	28804	0.409	ng		100
30) Pyrene	19.816	202	29366	0.393	ng		99
32) Benzo(a)anthracene	21.560	228	22859	0.399	ng		98
33) Chrysene	21.614	228	25622	0.413	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	14649	0.420	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.680	276	22842	0.409	ng	#	62
37) Benzo(b)fluoranthene	23.303	252	23192	0.418	ng		93
38) Benzo(k)fluoranthene	23.356	252	22805	0.395	ng		93
39) Benzo(a)pyrene	23.955	252	22487	0.424	ng	#	88
40) Dibenzo(a,h)anthracene	26.703	278	18083	0.409	ng		92
41) Benzo(g,h,i)perylene	27.469	276	19426	0.385	ng		98

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

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