Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
Data File : BN027626.D
Acq On : 13 Sep 2023 02:17
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 129 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 13 06:04:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	7756	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	20704	0.400	ng	# 0.00
13) Acenaphthene-d10	14.662	164	9263	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	18033	0.400	ng	0.00
29) Chrysene-d12	21.587	240	13167	0.400	ng	# 0.00
35) Perylene-d12	24.089	264	12129	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	8904	0.440	ng	0.00
5) Phenol-d6	7.178	99	10138	0.412	ng	0.00
8) Nitrobenzene-d5	9.219	82	6954	0.461	ng	-0.01
11) 2-Methylnaphthalene-d10	12.426	152	11452	0.377	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1221	0.356	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	16700	0.474	ng	-0.01
27) Fluoranthene-d10	19.430	212	17465	0.390	ng	0.00
31) Terphenyl-d14	20.015	244	11893	0.450	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	4068	0.430	ng	# 93
3) n-Nitrosodimethylamine	3.819	42	4334	0.432	ng	93
6) bis(2-Chloroethyl)ether	7.467	93	9854	0.415	ng	99
9) Naphthalene	10.896	128	24000	0.425	ng	99
10) Hexachlorobutadiene	11.130	225	4539	0.431	ng	# 100
12) 2-Methylnaphthalene	12.498	142	14995	0.373	ng	99
16) Acenaphthylene	14.384	152	16827	0.399	ng	99
17) Acenaphthene	14.715	154	12197	0.434	ng	98
18) Fluorene	15.705	166	14981	0.399	ng	100
20) 4,6-Dinitro-2-methylph...	16.859	198	109	0.424	ng	# 66
21) 4-Bromophenyl-phenylether	16.586	248	4362	0.459	ng	# 77
22) Hexachlorobenzene	16.673	284	4842	0.429	ng	99
23) Atrazine	16.859	200	2821	0.396	ng	98
24) Pentachlorophenol	17.046	266	1662	0.383	ng	99
25) Phenanthrene	17.443	178	22582	0.426	ng	100
26) Anthracene	17.542	178	18345	0.407	ng	100
28) Fluoranthene	19.463	202	23681	0.380	ng	100
30) Pyrene	19.825	202	23660	0.452	ng	100
32) Benzo(a)anthracene	21.569	228	19499	0.432	ng	99
33) Chrysene	21.623	228	21580	0.435	ng	100
34) Bis(2-ethylhexyl)phtha...	21.444	149	8063	0.370	ng	99
36) Indeno(1,2,3-cd)pyrene	26.726	276	21851	0.444	ng	100
37) Benzo(b)fluoranthene	23.309	252	19952	0.425	ng	99
38) Benzo(k)fluoranthene	23.361	252	19839	0.411	ng	98
39) Benzo(a)pyrene	23.972	252	17413	0.397	ng	98
40) Dibenzo(a,h)anthracene	26.747	278	17951	0.465	ng	98
41) Benzo(g,h,i)perylene	27.545	276	19875	0.444	ng	99

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

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