Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027653.D
Acq On : 13 Sep 2023 20:41
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 14 02:03:36 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	8.030	152	6483	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16579	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	7212	0.400	ng	-0.01
19) Phenanthrene-d10	17.405	188	14054	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9807	0.400	ng	0.00
35) Perylene-d12	24.089	264	8969	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	6227	0.368	ng	0.00
5) Phenol-d6	7.178	99	7002	0.341	ng	0.00
8) Nitrobenzene-d5	9.219	82	5017	0.415	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	8207	0.337	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	812	0.304	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11727	0.428	ng	-0.01
27) Fluoranthene-d10	19.430	212	12193	0.349	ng	0.00
31) Terphenyl-d14	20.020	244	8122	0.412	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	2947	0.372	ng	# 89
3) n-Nitrosodimethylamine	3.812	42	3255	0.388	ng	90
6) bis(2-Chloroethyl)ether	7.467	93	7212	0.363	ng	98
9) Naphthalene	10.895	128	17360	0.384	ng	99
10) Hexachlorobutadiene	11.130	225	3334	0.395	ng	# 100
12) 2-Methylnaphthalene	12.498	142	10778	0.335	ng	99
16) Acenaphthylene	14.384	152	11941	0.364	ng	99
17) Acenaphthene	14.715	154	8759	0.400	ng	98
18) Fluorene	15.705	166	10916	0.374	ng	100
20) 4,6-Dinitro-2-methylph...	16.859	198	71	0.355	ng	87
21) 4-Bromophenyl-phenylether	16.586	248	3071	0.415	ng	# 75
22) Hexachlorobenzene	16.673	284	3541	0.403	ng	99
23) Atrazine	16.859	200	1962	0.354	ng	97
24) Pentachlorophenol	17.046	266	933	0.276	ng	96
25) Phenanthrene	17.443	178	16097	0.390	ng	100
26) Anthracene	17.542	178	13061	0.372	ng	99
28) Fluoranthene	19.463	202	16598	0.341	ng	100
30) Pyrene	19.825	202	16656	0.427	ng	100
32) Benzo(a)anthracene	21.569	228	13144	0.391	ng	100
33) Chrysene	21.623	228	15173	0.411	ng	99
34) Bis(2-ethylhexyl)phtha...	21.444	149	5640	0.348	ng	97
36) Indeno(1,2,3-cd)pyrene	26.729	276	14206	0.390	ng	99
37) Benzo(b)fluoranthene	23.309	252	13452	0.388	ng	94
38) Benzo(k)fluoranthene	23.361	252	13668	0.383	ng	95
39) Benzo(a)pyrene	23.975	252	11892	0.367	ng	93
40) Dibenzo(a,h)anthracene	26.750	278	11365	0.398	ng	99
41) Benzo(g,h,i)perylene	27.545	276	13248	0.400	ng	99

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

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