Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
Data File : BN027608.D
Acq On : 12 Sep 2023 13:48
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 110 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 12 15:22:04 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	6763	0.400	ng		0.00
7) Naphthalene-d8	10.853	136	17594	0.400	ng		0.00
13) Acenaphthene-d10	14.662	164	7804	0.400	ng		0.00
19) Phenanthrene-d10	17.406	188	15332	0.400	ng		0.00
29) Chrysene-d12	21.587	240	11239	0.400	ng		0.00
35) Perylene-d12	24.095	264	10410	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.567	112	7737	0.439	ng		0.00
5) Phenol-d6	7.185	99	8700	0.406	ng		0.00
8) Nitrobenzene-d5	9.230	82	6138	0.479	ng		0.00
11) 2-Methylnaphthalene-d10	12.426	152	9971	0.386	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	1070	0.370	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	14366	0.484	ng		-0.01
27) Fluoranthene-d10	19.435	212	15013	0.394	ng		0.00
31) Terphenyl-d14	20.020	244	10275	0.455	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	3527	0.427	ng		93
3) n-Nitrosodimethylamine	3.819	42	3722	0.425	ng		92
6) bis(2-Chloroethyl)ether	7.467	93	8434	0.407	ng		99
9) Naphthalene	10.906	128	20747	0.432	ng		99
10) Hexachlorobutadiene	11.130	225	3980	0.445	ng	#	99
12) 2-Methylnaphthalene	12.502	142	12912	0.378	ng		99
16) Acenaphthylene	14.384	152	14596	0.411	ng		99
17) Acenaphthene	14.726	154	10267	0.433	ng		99
18) Fluorene	15.705	166	12854	0.407	ng		99
20) 4,6-Dinitro-2-methylph...	16.859	198	95	0.435	ng	#	74
21) 4-Bromophenyl-phenylether	16.599	248	3772	0.467	ng		99
22) Hexachlorobenzene	16.673	284	4324	0.451	ng		99
23) Atrazine	16.859	200	2441	0.403	ng		96
24) Pentachlorophenol	17.046	266	1451	0.393	ng		98
25) Phenanthrene	17.455	178	19376	0.430	ng		100
26) Anthracene	17.542	178	15974	0.417	ng		99
28) Fluoranthene	19.463	202	20445	0.386	ng		100
30) Pyrene	19.830	202	20511	0.459	ng		100
32) Benzo(a)anthracene	21.569	228	17162	0.445	ng		100
33) Chrysene	21.623	228	18587	0.439	ng		99
34) Bis(2-ethylhexyl)phtha...	21.444	149	7011	0.377	ng		99
36) Indeno(1,2,3-cd)pyrene	26.729	276	19156	0.453	ng		99
37) Benzo(b)fluoranthene	23.312	252	17373	0.431	ng		98
38) Benzo(k)fluoranthene	23.367	252	17409	0.420	ng		98
39) Benzo(a)pyrene	23.978	252	15218	0.404	ng		98
40) Dibenzo(a,h)anthracene	26.756	278	15436	0.466	ng		98
41) Benzo(g,h,i)perylene	27.554	276	17480	0.455	ng		98

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

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