Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
Data File : BN027590.D
Acq On : 12 Sep 2023 01:18
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 12 02:46:37 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	6942	0.400	ng		0.00
7) Naphthalene-d8	10.853	136	18830	0.400	ng		0.00
13) Acenaphthene-d10	14.662	164	8571	0.400	ng		0.00
19) Phenanthrene-d10	17.405	188	16565	0.400	ng		0.00
29) Chrysene-d12	21.587	240	12809	0.400	ng		0.00
35) Perylene-d12	24.095	264	12266	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.574	112	8123	0.449	ng		0.00
5) Phenol-d6	7.185	99	9244	0.420	ng		0.00
8) Nitrobenzene-d5	9.230	82	6379	0.465	ng		0.00
11) 2-Methylnaphthalene-d10	12.430	152	10625	0.384	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	1239	0.391	ng		0.00
15) 2-Fluorobiphenyl	13.293	172	15545	0.477	ng		0.00
27) Fluoranthene-d10	19.435	212	16535	0.402	ng		0.00
31) Terphenyl-d14	20.020	244	11407	0.443	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	3563	0.420	ng	#	92
3) n-Nitrosodimethylamine	3.819	42	3863	0.430	ng	#	93
6) bis(2-Chloroethyl)ether	7.467	93	8828	0.415	ng		99
9) Naphthalene	10.906	128	22160	0.432	ng		99
10) Hexachlorobutadiene	11.130	225	4216	0.440	ng	#	99
12) 2-Methylnaphthalene	12.502	142	14035	0.384	ng		99
16) Acenaphthylene	14.395	152	16052	0.411	ng		99
17) Acenaphthene	14.726	154	11165	0.429	ng		99
18) Fluorene	15.705	166	13766	0.396	ng		100
20) 4,6-Dinitro-2-methylph...	16.859	198	104	0.441	ng	#	68
21) 4-Bromophenyl-phenylether	16.599	248	4147	0.475	ng		98
22) Hexachlorobenzene	16.686	284	4647	0.448	ng		99
23) Atrazine	16.859	200	2726	0.417	ng		96
24) Pentachlorophenol	17.046	266	1625	0.408	ng		98
25) Phenanthrene	17.455	178	21065	0.433	ng		100
26) Anthracene	17.542	178	17366	0.420	ng		99
28) Fluoranthene	19.467	202	22417	0.391	ng		99
30) Pyrene	19.830	202	22451	0.441	ng		100
32) Benzo(a)anthracene	21.569	228	19515	0.444	ng		99
33) Chrysene	21.623	228	20139	0.417	ng		98
34) Bis(2-ethylhexyl)phtha...	21.444	149	8536	0.403	ng		98
36) Indeno(1,2,3-cd)pyrene	26.729	276	21980	0.441	ng		99
37) Benzo(b)fluoranthene	23.314	252	19712	0.415	ng		98
38) Benzo(k)fluoranthene	23.367	252	19265	0.395	ng		97
39) Benzo(a)pyrene	23.981	252	17537	0.395	ng		98
40) Dibenzo(a,h)anthracene	26.756	278	17802	0.456	ng		98
41) Benzo(g,h,i)perylene	27.554	276	19554	0.432	ng		97

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

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