Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027674.D
Acq On : 14 Sep 2023 11:25
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 14 13:14:44 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	6863	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	17643	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	7635	0.400	ng	-0.01
19) Phenanthrene-d10	17.405	188	14960	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	10417	0.400	ng	0.00
35) Perylene-d12	24.089	264	9510	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	6650	0.372	ng	0.00
5) Phenol-d6	7.178	99	7458	0.343	ng	0.00
8) Nitrobenzene-d5	9.219	82	5504	0.428	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	8755	0.338	ng	-0.01
14) 2,4,6-Tribromophenol	16.152	330	874	0.309	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12593	0.434	ng	-0.01
27) Fluoranthene-d10	19.430	212	12933	0.348	ng	0.00
31) Terphenyl-d14	20.015	244	8637	0.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	3126	0.373	ng	# 87
3) n-Nitrosodimethylamine	3.812	42	3450	0.388	ng	90
6) bis(2-Chloroethyl)ether	7.459	93	7763	0.369	ng	98
9) Naphthalene	10.895	128	18702	0.389	ng	100
10) Hexachlorobutadiene	11.120	225	3466	0.386	ng	# 99
12) 2-Methylnaphthalene	12.494	142	11550	0.338	ng	99
16) Acenaphthylene	14.384	152	12792	0.368	ng	100
17) Acenaphthene	14.715	154	9303	0.401	ng	99
18) Fluorene	15.693	166	11614	0.376	ng	99
20) 4,6-Dinitro-2-methylph...	16.859	198	66	0.310	ng	89
21) 4-Bromophenyl-phenylether	16.586	248	3288	0.417	ng	# 83
22) Hexachlorobenzene	16.673	284	3764	0.402	ng	98
23) Atrazine	16.859	200	2084	0.353	ng	99
24) Pentachlorophenol	17.033	266	1177	0.327	ng	98
25) Phenanthrene	17.443	178	17454	0.397	ng	100
26) Anthracene	17.542	178	14140	0.379	ng	99
28) Fluoranthene	19.458	202	17704	0.342	ng	99
30) Pyrene	19.825	202	17799	0.430	ng	100
32) Benzo(a)anthracene	21.569	228	14024	0.393	ng	99
33) Chrysene	21.623	228	16123	0.411	ng	100
34) Bis(2-ethylhexyl)phtha...	21.444	149	6288	0.365	ng	98
36) Indeno(1,2,3-cd)pyrene	26.720	276	15413	0.399	ng	99
37) Benzo(b)fluoranthene	23.309	252	14483	0.393	ng	95
38) Benzo(k)fluoranthene	23.361	252	14344	0.379	ng	97
39) Benzo(a)pyrene	23.972	252	12770	0.371	ng	94
40) Dibenzo(a,h)anthracene	26.747	278	12531	0.414	ng	99
41) Benzo(g,h,i)perylene	27.539	276	14379	0.410	ng	99

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

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