Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
Data File : BN027561.D
Acq On : 11 Sep 2023 04:56
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 11 05:26:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 05:26:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.037	152	5855	0.400	ng		0.00
7) Naphthalene-d8	10.853	136	18954	0.400	ng		0.00
13) Acenaphthene-d10	14.662	164	11317	0.400	ng		0.00
19) Phenanthrene-d10	17.418	188	24715	0.400	ng	#	0.00
29) Chrysene-d12	21.587	240	16254	0.400	ng		0.00
35) Perylene-d12	24.095	264	13154	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.560	112	7574	0.496	ng		0.00
5) Phenol-d6	7.178	99	9471	0.510	ng		0.00
8) Nitrobenzene-d5	9.219	82	6011	0.435	ng		0.00
11) 2-Methylnaphthalene-d10	12.430	152	12153	0.437	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	1669	0.398	ng		0.00
15) 2-Fluorobiphenyl	13.293	172	19184	0.446	ng		0.00
27) Fluoranthene-d10	19.435	212	24174	0.393	ng		0.00
31) Terphenyl-d14	20.020	244	17161	0.526	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.444	88	2991	0.418	ng		97
3) n-Nitrosodimethylamine	3.790	42	3474	0.458	ng	#	94
6) bis(2-Chloroethyl)ether	7.467	93	7785	0.434	ng		100
9) Naphthalene	10.906	128	22264	0.431	ng		99
10) Hexachlorobutadiene	11.130	225	4030	0.418	ng	#	99
12) 2-Methylnaphthalene	12.506	142	15823	0.430	ng		100
16) Acenaphthylene	14.395	152	21133	0.410	ng		100
17) Acenaphthene	14.726	154	14998	0.436	ng		97
18) Fluorene	15.705	166	19519	0.426	ng		99
20) 4,6-Dinitro-2-methylph...	16.859	198	139	0.395	ng	#	35
21) 4-Bromophenyl-phenylether	16.599	248	6225	0.478	ng		98
22) Hexachlorobenzene	16.686	284	6779	0.438	ng		98
23) Atrazine	16.859	200	4227	0.433	ng		96
24) Pentachlorophenol	17.046	266	1666	0.280	ng		99
25) Phenanthrene	17.455	178	30664	0.422	ng		99
26) Anthracene	17.542	178	25876	0.419	ng		100
28) Fluoranthene	19.467	202	32453	0.380	ng		99
30) Pyrene	19.830	202	32135	0.497	ng		100
32) Benzo(a)anthracene	21.569	228	23750	0.426	ng		99
33) Chrysene	21.623	228	26098	0.426	ng		99
34) Bis(2-ethylhexyl)phtha...	21.444	149	13720	0.510	ng		98
36) Indeno(1,2,3-cd)pyrene	26.735	276	21259	0.398	ng		98
37) Benzo(b)fluoranthene	23.314	252	21367	0.420	ng		97
38) Benzo(k)fluoranthene	23.364	252	21072	0.403	ng		97
39) Benzo(a)pyrene	23.981	252	18706	0.393	ng		97
40) Dibenzo(a,h)anthracene	26.758	278	17305	0.413	ng		98
41) Benzo(g,h,i)perylene	27.554	276	18856	0.389	ng		97

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

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