Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122322\
Data File : BN023370.D
Acq On : 23 Dec 2022 12:50
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 23 16:37:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 16:36:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.999	152	7096	0.400	ng		0.00
7) Naphthalene-d8	10.808	136	23258	0.400	ng		0.00
13) Acenaphthene-d10	14.645	164	14486	0.400	ng		0.00
19) Phenanthrene-d10	17.390	188	31172	0.400	ng	#	0.00
29) Chrysene-d12	21.585	240	22964	0.400	ng		0.00
35) Perylene-d12	24.037	264	15828	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.536	112	6700	0.507	ng		0.00
5) Phenol-d6	7.154	99	8747	0.521	ng		0.00
8) Nitrobenzene-d5	9.153	82	6591	0.430	ng		0.00
11) 2-Methylnaphthalene-d10	12.401	152	14818	0.376	ng		0.00
14) 2,4,6-Tribromophenol	16.136	330	2528	0.481	ng		0.00
15) 2-Fluorobiphenyl	13.266	172	20627	0.356	ng		0.00
27) Fluoranthene-d10	19.422	212	28216	0.387	ng		0.00
31) Terphenyl-d14	20.017	244	17463	0.468	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	2474	0.353	ng		98
3) n-Nitrosodimethylamine	3.716	42	2827	0.411	ng	#	91
6) bis(2-Chloroethyl)ether	7.414	93	7430	0.389	ng		99
9) Naphthalene	10.861	128	23046	0.389	ng		100
10) Hexachlorobutadiene	11.149	225	4487	0.397	ng	#	99
12) 2-Methylnaphthalene	12.098	142	5145	0.583	ng		98
16) Acenaphthylene	14.356	152	22162	0.380	ng		100
17) Acenaphthene	14.698	154	15607	0.364	ng		97
18) Fluorene	15.693	166	21085	0.439	ng		99
20) 4,6-Dinitro-2-methylph...	15.764	198	704	0.347	ng		95
21) 4-Bromophenyl-phenylether	16.583	248	6528	0.392	ng	#	71
22) Hexachlorobenzene	16.694	284	8132	0.373	ng		97
23) Atrazine	16.843	200	4658	0.397	ng	#	92
24) Pentachlorophenol	17.042	266	2541	0.336	ng		100
25) Phenanthrene	17.427	178	33341	0.359	ng		100
26) Anthracene	17.526	178	27466	0.371	ng		99
28) Fluoranthene	19.452	202	36636	0.368	ng		100
30) Pyrene	19.814	202	36863	0.438	ng		100
32) Benzo(a)anthracene	21.567	228	30070	0.406	ng		100
33) Chrysene	21.620	228	29644	0.356	ng		99
34) Bis(2-ethylhexyl)phtha...	21.486	149	18168	0.581	ng		97
36) Indeno(1,2,3-cd)pyrene	26.598	276	22287	0.314	ng		97
37) Benzo(b)fluoranthene	23.283	252	23221	0.354	ng		96
38) Benzo(k)fluoranthene	23.332	252	22742	0.341	ng		96
39) Benzo(a)pyrene	23.923	252	17755	0.361	ng		95
40) Dibenzo(a,h)anthracene	26.616	278	17528	0.308	ng		99
41) Benzo(g,h,i)perylene	27.385	276	18829	0.310	ng		98

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

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