Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023500.D
Acq On : 27 Dec 2022 22:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 28 04:17:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:57:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.977	152	6332	0.400	ng		0.00
7) Naphthalene-d8	10.797	136	18327	0.400	ng		0.00
13) Acenaphthene-d10	14.623	164	10280	0.400	ng		0.00
19) Phenanthrene-d10	17.377	188	21404	0.400	ng		0.00
29) Chrysene-d12	21.562	240	17656	0.400	ng		0.00
35) Perylene-d12	24.001	264	13344	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.521	112	5675	0.405	ng		0.00
5) Phenol-d6	7.139	99	7023	0.408	ng		0.00
8) Nitrobenzene-d5	9.142	82	5361	0.374	ng		0.00
11) 2-Methylnaphthalene-d10	12.382	152	9675	0.362	ng		0.00
14) 2,4,6-Tribromophenol	16.111	330	1855	0.368	ng		-0.01
15) 2-Fluorobiphenyl	13.255	172	15722	0.386	ng		0.00
27) Fluoranthene-d10	19.405	212	20007	0.382	ng		0.00
31) Terphenyl-d14	20.000	244	17852	0.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2311	0.379	ng		99
3) n-Nitrosodimethylamine	3.701	42	2762	0.376	ng		98
6) bis(2-Chloroethyl)ether	7.399	93	6824	0.409	ng		100
9) Naphthalene	10.840	128	18281	0.390	ng		100
10) Hexachlorobutadiene	11.128	225	3742	0.397	ng	#	98
12) 2-Methylnaphthalene	12.454	142	12993	0.385	ng		98
16) Acenaphthylene	14.345	152	15846	0.371	ng		100
17) Acenaphthene	14.688	154	11237	0.391	ng		100
18) Fluorene	15.671	166	15183	0.379	ng		99
20) 4,6-Dinitro-2-methylph...	15.751	198	1012	0.499	ng		88
21) 4-Bromophenyl-phenylether	16.558	248	4717	0.376	ng		92
22) Hexachlorobenzene	16.682	284	5986	0.395	ng		99
23) Atrazine	16.831	200	3420	0.353	ng		98
24) Pentachlorophenol	17.030	266	1957	0.427	ng		98
25) Phenanthrene	17.414	178	23309	0.382	ng		99
26) Anthracene	17.501	178	18851	0.372	ng		100
28) Fluoranthene	19.435	202	26255	0.383	ng		100
30) Pyrene	19.797	202	27152	0.412	ng		100
32) Benzo(a)anthracene	21.544	228	23577	0.401	ng		99
33) Chrysene	21.598	228	23690	0.392	ng		99
34) Bis(2-ethylhexyl)phtha...	21.464	149	15662	0.433	ng		100
36) Indeno(1,2,3-cd)pyrene	26.547	276	18099	0.363	ng		100
37) Benzo(b)fluoranthene	23.252	252	20227	0.395	ng		97
38) Benzo(k)fluoranthene	23.302	252	19878	0.394	ng		100
39) Benzo(a)pyrene	23.889	252	15605	0.399	ng	#	94
40) Dibenzo(a,h)anthracene	26.567	278	13669	0.360	ng		99
41) Benzo(g,h,i)perylene	27.336	276	15296	0.349	ng		99

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

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