Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034719.D
Acq On : 25 Oct 2024 07:51
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 25 08:18:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.712	152	6027	0.400	ng		0.00
7) Naphthalene-d8	10.479	136	17907	0.400	ng		0.00
13) Acenaphthene-d10	14.318	164	8880	0.400	ng		-0.01
19) Phenanthrene-d10	17.057	188	17802	0.400	ng		#-0.01
29) Chrysene-d12	21.241	240	14770	0.400	ng		# 0.00
35) Perylene-d12	23.461	264	15941	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.322	112	7797	0.435	ng		0.00
5) Phenol-d6	6.882	99	10465	0.443	ng		0.00
8) Nitrobenzene-d5	8.845	82	5374	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	12.071	152	8705	0.354	ng		0.00
14) 2,4,6-Tribromophenol	15.815	330	1006	0.366	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	12140	0.344	ng		0.00
27) Fluoranthene-d10	19.094	212	16769	0.418	ng		0.00
31) Terphenyl-d14	19.698	244	10278	0.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.285	88	2863	0.357	ng		97
3) n-Nitrosodimethylamine	3.588	42	4215	0.361	ng		96
6) bis(2-Chloroethyl)ether	7.141	93	7199	0.375	ng		99
9) Naphthalene	10.532	128	18267	0.369	ng		100
10) Hexachlorobutadiene	10.821	225	2610	0.351	ng	#	98
12) 2-Methylnaphthalene	12.143	142	10986	0.357	ng		97
16) Acenaphthylene	14.040	152	14421	0.338	ng		100
17) Acenaphthene	14.382	154	10024	0.341	ng		98
18) Fluorene	15.377	166	12279	0.339	ng		100
20) 4,6-Dinitro-2-methylph...	15.441	198	746	0.301	ng	#	54
21) 4-Bromophenyl-phenylether	16.262	248	3313	0.349	ng	#	63
22) Hexachlorobenzene	16.374	284	3421	0.332	ng		95
23) Atrazine	16.535	200	2697	0.362	ng	#	90
24) Pentachlorophenol	16.709	266	1325	0.364	ng		98
25) Phenanthrene	17.106	178	18834	0.352	ng		99
26) Anthracene	17.193	178	17465	0.368	ng		99
28) Fluoranthene	19.122	202	23020	0.413	ng		99
30) Pyrene	19.484	202	24493	0.323	ng		99
32) Benzo(a)anthracene	21.232	228	22023	0.390	ng		99
33) Chrysene	21.277	228	20725	0.355	ng		98
34) Bis(2-ethylhexyl)phtha...	21.187	149	18018	0.563	ng		98
36) Indeno(1,2,3-cd)pyrene	25.688	276	23125	0.377	ng		95
37) Benzo(b)fluoranthene	22.797	252	21412	0.336	ng	#	34
38) Benzo(k)fluoranthene	22.841	252	20953	0.334	ng	#	32
39) Benzo(a)pyrene	23.364	252	19025	0.372	ng	#	20
40) Dibenzo(a,h)anthracene	25.709	278	17877	0.369	ng	#	58
41) Benzo(g,h,i)perylene	26.364	276	19691	0.369	ng	#	83

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

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