Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024385.D
Acq On : 18 Mar 2023 18:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 20 01:10:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:49:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	10218	0.400	ng		0.00
7) Naphthalene-d8	10.856	136	30860	0.400	ng		0.00
13) Acenaphthene-d10	14.665	164	14665	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	29064	0.400	ng	#	0.00
29) Chrysene-d12	21.601	240	18978	0.400	ng		0.00
35) Perylene-d12	24.094	264	13365	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	8900	0.393	ng		0.00
5) Phenol-d6	7.188	99	11710	0.403	ng		0.00
8) Nitrobenzene-d5	9.201	82	9515	0.461	ng		0.00
11) 2-Methylnaphthalene-d10	12.433	152	14589	0.385	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	2170	0.290	ng		0.00
15) 2-Fluorobiphenyl	13.296	172	23195	0.419	ng		0.00
27) Fluoranthene-d10	19.442	212	22549	0.366	ng		0.00
31) Terphenyl-d14	20.034	244	12724	0.398	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	4642	0.418	ng		95
3) n-Nitrosodimethylamine	3.757	42	7821	0.480	ng	#	90
6) bis(2-Chloroethyl)ether	7.448	93	12545	0.435	ng		96
9) Naphthalene	10.898	128	32125	0.410	ng		99
10) Hexachlorobutadiene	11.187	225	5783	0.389	ng	#	100
12) 2-Methylnaphthalene	12.505	142	20364	0.384	ng		99
16) Acenaphthylene	14.387	152	26566	0.382	ng		100
17) Acenaphthene	14.729	154	17730	0.400	ng		98
18) Fluorene	15.712	166	19312	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	1242	0.407	ng	#	84
21) 4-Bromophenyl-phenylether	16.606	248	6170	0.357	ng	#	96
22) Hexachlorobenzene	16.718	284	8227	0.388	ng		95
23) Atrazine	16.867	200	3732	0.340	ng		95
24) Pentachlorophenol	17.065	266	2678	0.336	ng		99
25) Phenanthrene	17.450	178	34811	0.404	ng		99
26) Anthracene	17.549	178	29223	0.368	ng		100
28) Fluoranthene	19.471	202	35121	0.373	ng		99
30) Pyrene	19.834	202	35680	0.464	ng		100
32) Benzo(a)anthracene	21.583	228	24001	0.379	ng		100
33) Chrysene	21.637	228	28182	0.417	ng		100
34) Bis(2-ethylhexyl)phtha...	21.502	149	11947	0.401	ng		98
36) Indeno(1,2,3-cd)pyrene	26.693	276	18347	0.367	ng		96
37) Benzo(b)fluoranthene	23.328	252	21925	0.422	ng		95
38) Benzo(k)fluoranthene	23.378	252	21754	0.406	ng	#	95
39) Benzo(a)pyrene	23.980	252	18643	0.391	ng	#	94
40) Dibenzo(a,h)anthracene	26.714	278	13815	0.356	ng		96
41) Benzo(g,h,i)perylene	27.491	276	17432	0.385	ng		95

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

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