Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024315.D
Acq On : 16 Mar 2023 17:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 17 04:42:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	7715	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	21764	0.400	ng	#	0.00
13) Acenaphthene-d10	14.675	164	9868	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	19483	0.400	ng		0.01
29) Chrysene-d12	21.610	240	13436	0.400	ng	#	0.00
35) Perylene-d12	24.126	264	9922	0.400	ng	#	0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	7613	0.446	ng		0.00
5) Phenol-d6	7.195	99	9761	0.445	ng		0.00
8) Nitrobenzene-d5	9.200	82	6140	0.422	ng		0.00
11) 2-Methylnaphthalene-d10	12.440	152	9326	0.349	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1716	0.340	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	15014	0.403	ng		0.00
27) Fluoranthene-d10	19.446	212	14449	0.350	ng		0.00
31) Terphenyl-d14	20.033	244	8077	0.357	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	3367	0.401	ng		91
3) n-Nitrosodimethylamine	3.764	42	5582	0.454	ng	#	90
6) bis(2-Chloroethyl)ether	7.462	93	8935	0.410	ng		95
9) Naphthalene	10.909	128	21478	0.388	ng		99
10) Hexachlorobutadiene	11.197	225	4066	0.387	ng	#	100
12) 2-Methylnaphthalene	12.512	142	13197	0.353	ng		99
16) Acenaphthylene	14.397	152	17103	0.365	ng		100
17) Acenaphthene	14.739	154	11221	0.377	ng		96
18) Fluorene	15.712	166	12820	0.360	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	713	0.374	ng	#	78
21) 4-Bromophenyl-phenylether	16.606	248	3956	0.341	ng	#	76
22) Hexachlorobenzene	16.730	284	5425	0.382	ng		97
23) Atrazine	16.867	200	2767	0.376	ng	#	91
24) Pentachlorophenol	17.065	266	1722	0.328	ng		98
25) Phenanthrene	17.462	178	22109	0.383	ng		100
26) Anthracene	17.549	178	18722	0.351	ng		100
28) Fluoranthene	19.475	202	22543	0.357	ng		98
30) Pyrene	19.838	202	22587	0.415	ng		100
32) Benzo(a)anthracene	21.592	228	16182	0.361	ng		99
33) Chrysene	21.646	228	19394	0.405	ng		99
34) Bis(2-ethylhexyl)phtha...	21.502	149	7899	0.374	ng		97
36) Indeno(1,2,3-cd)pyrene	26.746	276	13889	0.374	ng		97
37) Benzo(b)fluoranthene	23.354	252	15502	0.402	ng	#	94
38) Benzo(k)fluoranthene	23.407	252	15545	0.391	ng	#	93
39) Benzo(a)pyrene	24.003	252	13370	0.378	ng	#	91
40) Dibenzo(a,h)anthracene	26.763	278	10259	0.356	ng		94
41) Benzo(g,h,i)perylene	27.558	276	13098	0.390	ng		95

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

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