Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024365.D
Acq On : 18 Mar 2023 02:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 18 03:37:25 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	8.040	152	10150	0.400	ng		0.00
7) Naphthalene-d8	10.856	136	30411	0.400	ng		0.00
13) Acenaphthene-d10	14.665	164	14470	0.400	ng		-0.01
19) Phenanthrene-d10	17.413	188	28657	0.400	ng		# 0.00
29) Chrysene-d12	21.601	240	18252	0.400	ng		0.00
35) Perylene-d12	24.094	264	13005	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	8834	0.393	ng		0.00
5) Phenol-d6	7.188	99	11495	0.398	ng		0.00
8) Nitrobenzene-d5	9.201	82	9004	0.443	ng		0.00
11) 2-Methylnaphthalene-d10	12.437	152	14280	0.382	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	2103	0.284	ng		0.00
15) 2-Fluorobiphenyl	13.296	172	23051	0.422	ng		-0.01
27) Fluoranthene-d10	19.442	212	22056	0.363	ng		0.00
31) Terphenyl-d14	20.034	244	12533	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	4624	0.419	ng		94
3) n-Nitrosodimethylamine	3.765	42	7576	0.468	ng		93
6) bis(2-Chloroethyl)ether	7.455	93	12312	0.430	ng		96
9) Naphthalene	10.898	128	31643	0.409	ng		99
10) Hexachlorobutadiene	11.197	225	5713	0.390	ng	#	100
12) 2-Methylnaphthalene	12.509	142	19995	0.383	ng		99
16) Acenaphthylene	14.387	152	25923	0.378	ng		100
17) Acenaphthene	14.729	154	17307	0.396	ng		98
18) Fluorene	15.712	166	18807	0.360	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	1128	0.389	ng		91
21) 4-Bromophenyl-phenylether	16.606	248	6034	0.354	ng	#	93
22) Hexachlorobenzene	16.718	284	7986	0.382	ng		95
23) Atrazine	16.867	200	3602	0.333	ng	#	94
24) Pentachlorophenol	17.065	266	2577	0.331	ng		97
25) Phenanthrene	17.450	178	33736	0.397	ng		99
26) Anthracene	17.549	178	28378	0.362	ng		100
28) Fluoranthene	19.471	202	34183	0.368	ng		99
30) Pyrene	19.834	202	33658	0.455	ng		100
32) Benzo(a)anthracene	21.583	228	22855	0.375	ng		99
33) Chrysene	21.637	228	27440	0.422	ng		100
34) Bis(2-ethylhexyl)phtha...	21.503	149	11419	0.398	ng		98
36) Indeno(1,2,3-cd)pyrene	26.696	276	17243	0.354	ng		98
37) Benzo(b)fluoranthene	23.331	252	20330	0.402	ng		95
38) Benzo(k)fluoranthene	23.381	252	20620	0.395	ng	#	95
39) Benzo(a)pyrene	23.983	252	17529	0.378	ng	#	94
40) Dibenzo(a,h)anthracene	26.719	278	12876	0.341	ng		96
41) Benzo(g,h,i)perylene	27.497	276	16964	0.385	ng		96

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

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