Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
Data File : BN013760.D
Acq On : 25 Feb 2021 10:09
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 25 11:31:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.741	152	4912	0.40	ng		0.00
7) Naphthalene-d8	10.530	136	18630	0.40	ng		0.00
13) Acenaphthene-d10	14.372	164	10920	0.40	ng		0.00
19) Phenanthrene-d10	17.128	188	23645	0.40	ng	#	0.00
29) Chrysene-d12	21.300	240	23500	0.40	ng		0.00
36) Perylene-d12	23.552	264	21913	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	5473	0.41	ng		0.00
5) Phenol-d6	6.903	99	7317	0.42	ng		0.00
8) Nitrobenzene-d5	8.883	82	5362	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.120	152	12406	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	1736	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	16374	0.42	ng		0.00
27) Fluoranthene-d10	19.156	212	27488	0.39	ng		0.00
31) Terphenyl-d14	19.761	244	21289	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	2656	0.45	ng		97
3) n-Nitrosodimethylamine	3.585	42	1855	0.41	ng	#	93
6) bis(2-Chloroethyl)ether	7.169	93	5615	0.45	ng		96
9) Naphthalene	10.568	128	19562	0.43	ng		99
10) Hexachlorobutadiene	10.873	225	3674	0.42	ng	#	99
12) 2-Methylnaphthalene	12.195	142	13339	0.41	ng		99
16) Acenaphthylene	14.092	152	18735	0.38	ng		100
17) Acenaphthene	14.435	154	12523	0.41	ng		99
18) Fluorene	15.425	166	15699	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	673	0.41	ng	#	66
21) 4-Bromophenyl-phenylether	16.325	248	5227	0.41	ng	#	87
22) Hexachlorobenzene	16.434	284	5876	0.44	ng		100
23) Atrazine	16.592	200	4086	0.34	ng		98
24) Pentachlorophenol	16.775	266	1797	0.41	ng		95
25) Phenanthrene	17.164	178	26120	0.42	ng		100
26) Anthracene	17.250	178	23254	0.39	ng		99
28) Fluoranthene	19.186	202	29889	0.41	ng		99
30) Pyrene	19.548	202	30387	0.42	ng		100
32) Benzo(a)anthracene	21.290	228	27713	0.38	ng		99
33) Chrysene	21.343	228	29590	0.42	ng		97
34) Bis(2-ethylhexyl)phtha...	21.237	149	9559	0.28	ng		100
35) Indeno(1,2,3-cd)pyrene	25.817	276	32311	0.38	ng		100
37) Benzo(b)fluoranthene	22.877	252	29209	0.42	ng	#	93
38) Benzo(k)fluoranthene	22.922	252	29404	0.43	ng	#	93
39) Benzo(a)pyrene	23.456	252	25501	0.40	ng	#	90
40) Dibenzo(a,h)anthracene	25.838	278	27660	0.41	ng		98
41) Benzo(g,h,i)perylene	26.509	276	27945	0.41	ng		98

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

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