Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020521\
Data File : BN013590.D
Acq On : 05 Feb 2021 15:50
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Feb 05 16:22:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 05 11:21:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	5470	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	21057	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	12134	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	25702	0.40	ng		0.00
29) Chrysene-d12	21.141	240	25409	0.40	ng		# 0.00
36) Perylene-d12	23.312	264	23177	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	6506	0.41	ng		0.00
5) Phenol-d6	6.726	99	7865	0.39	ng		0.00
8) Nitrobenzene-d5	8.680	82	5400	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.906	152	14595	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1800	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	20421	0.38	ng		0.00
27) Fluoranthene-d10	18.977	212	30340	0.37	ng		0.00
31) Terphenyl-d14	19.588	244	25973	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	2663	0.39	ng		98
3) n-Nitrosodimethylamine	3.488	42	2248	0.38	ng	#	92
6) bis(2-Chloroethyl)ether	6.984	93	6366	0.40	ng		99
9) Naphthalene	10.353	128	24557	0.39	ng		99
10) Hexachlorobutadiene	10.657	225	4118	0.37	ng	#	100
12) 2-Methylnaphthalene	11.982	142	16911	0.39	ng		99
16) Acenaphthylene	13.902	152	21315	0.37	ng		100
17) Acenaphthene	14.245	154	15954	0.38	ng		100
18) Fluorene	15.234	166	19756	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	1012	0.32	ng		98
21) 4-Bromophenyl-phenylether	16.142	248	5958	0.37	ng	#	79
22) Hexachlorobenzene	16.252	284	6723	0.38	ng		99
23) Atrazine	16.410	200	3670	0.36	ng		94
24) Pentachlorophenol	16.593	266	1387	0.26	ng		99
25) Phenanthrene	16.982	178	33549	0.39	ng		100
26) Anthracene	17.067	178	27180	0.37	ng		99
28) Fluoranthene	19.007	202	36411	0.37	ng		99
30) Pyrene	19.369	202	37132	0.40	ng		100
32) Benzo(a)anthracene	21.131	228	33355	0.37	ng		100
33) Chrysene	21.173	228	37183	0.38	ng		99
34) Bis(2-ethylhexyl)phtha...	21.077	149	10912	0.40	ng		98
35) Indeno(1,2,3-cd)pyrene	25.462	276	40376	0.39	ng		98
37) Benzo(b)fluoranthene	22.665	252	36576	0.38	ng	#	95
38) Benzo(k)fluoranthene	22.710	252	38572	0.41	ng	#	95
39) Benzo(a)pyrene	23.220	252	32222	0.41	ng		95
40) Dibenzo(a,h)anthracene	25.479	278	34029	0.39	ng		97
41) Benzo(g,h,i)perylene	26.115	276	34977	0.39	ng		99

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

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