Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021821\
Data File : BN013674.D
Acq On : 18 Feb 2021 16:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Feb 18 16:59:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	5743	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	23191	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	13033	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	27820	0.40	ng		# 0.00
29) Chrysene-d12	21.133	240	26918	0.40	ng		# 0.00
36) Perylene-d12	23.301	264	25269	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	5573	0.45	ng		0.00
5) Phenol-d6	6.726	99	7030	0.45	ng		0.00
8) Nitrobenzene-d5	8.680	82	4977	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	14237	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1477	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	19066	0.39	ng		0.00
27) Fluoranthene-d10	18.970	212	29321	0.39	ng		0.00
31) Terphenyl-d14	19.581	244	23828	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	2473	0.38	ng		94
3) n-Nitrosodimethylamine	3.497	42	1863	0.40	ng		91
6) bis(2-Chloroethyl)ether	6.984	93	5726	0.41	ng		98
9) Naphthalene	10.353	128	22611	0.40	ng		99
10) Hexachlorobutadiene	10.644	225	3718	0.39	ng	#	99
12) 2-Methylnaphthalene	11.978	142	15483	0.40	ng		99
16) Acenaphthylene	13.890	152	18625	0.37	ng		100
17) Acenaphthene	14.245	154	14262	0.40	ng		99
18) Fluorene	15.234	166	17623	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	904	0.38	ng	#	83
21) 4-Bromophenyl-phenylether	16.131	248	5157	0.37	ng		95
22) Hexachlorobenzene	16.240	284	5841	0.38	ng		100
23) Atrazine	16.410	200	3231	0.37	ng		100
24) Pentachlorophenol	16.581	266	1276	0.48	ng		93
25) Phenanthrene	16.970	178	29312	0.39	ng		100
26) Anthracene	17.055	178	23461	0.38	ng		100
28) Fluoranthene	19.000	202	31882	0.38	ng		99
30) Pyrene	19.362	202	32443	0.40	ng		100
32) Benzo(a)anthracene	21.123	228	27671	0.39	ng		99
33) Chrysene	21.165	228	32039	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.070	149	8655	0.41	ng		99
35) Indeno(1,2,3-cd)pyrene	25.444	276	35993	0.42	ng		99
37) Benzo(b)fluoranthene	22.654	252	31719	0.36	ng		97
38) Benzo(k)fluoranthene	22.695	252	34317	0.39	ng		96
39) Benzo(a)pyrene	23.205	252	29374	0.40	ng		99
40) Dibenzo(a,h)anthracene	25.461	278	29837	0.37	ng		97
41) Benzo(g,h,i)perylene	26.098	276	30980	0.37	ng		99

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

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