Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021821\
Data File : BN013663.D
Acq On : 18 Feb 2021 09:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 18 10:50:53 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	5806	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	22781	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	12946	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	27481	0.40	ng	#	0.00
29) Chrysene-d12	21.131	240	27298	0.40	ng		0.00
36) Perylene-d12	23.302	264	25903	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	5556	0.44	ng		0.00
5) Phenol-d6	6.726	99	6781	0.43	ng		0.00
8) Nitrobenzene-d5	8.680	82	4753	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	13986	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.679	330	1367	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	18931	0.39	ng		0.00
27) Fluoranthene-d10	18.972	212	29033	0.39	ng		0.00
31) Terphenyl-d14	19.583	244	24103	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	2498	0.38	ng		98
3) n-Nitrosodimethylamine	3.497	42	1880	0.40	ng	#	96
6) bis(2-Chloroethyl)ether	6.984	93	5693	0.41	ng		100
9) Naphthalene	10.353	128	22166	0.40	ng		100
10) Hexachlorobutadiene	10.644	225	3706	0.40	ng	#	100
12) 2-Methylnaphthalene	11.978	142	15151	0.40	ng		99
16) Acenaphthylene	13.890	152	17943	0.36	ng		100
17) Acenaphthene	14.245	154	13790	0.39	ng		100
18) Fluorene	15.234	166	17328	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	862	0.37	ng	#	82
21) 4-Bromophenyl-phenylether	16.130	248	5077	0.37	ng		94
22) Hexachlorobenzene	16.240	284	5746	0.38	ng		100
23) Atrazine	16.410	200	3029	0.35	ng		100
24) Pentachlorophenol	16.580	266	1300	0.49	ng		97
25) Phenanthrene	16.970	178	28741	0.38	ng		100
26) Anthracene	17.055	178	22906	0.37	ng		100
28) Fluoranthene	19.002	202	31638	0.39	ng		99
30) Pyrene	19.364	202	32419	0.40	ng		100
32) Benzo(a)anthracene	21.120	228	28119	0.39	ng		99
33) Chrysene	21.173	228	33432	0.40	ng		97
34) Bis(2-ethylhexyl)phtha...	21.067	149	8201	0.38	ng		99
35) Indeno(1,2,3-cd)pyrene	25.444	276	36435	0.42	ng		99
37) Benzo(b)fluoranthene	22.658	252	34092	0.38	ng		97
38) Benzo(k)fluoranthene	22.699	252	34080	0.38	ng	#	95
39) Benzo(a)pyrene	23.206	252	28825	0.38	ng		97
40) Dibenzo(a,h)anthracene	25.458	278	30297	0.37	ng		98
41) Benzo(g,h,i)perylene	26.098	276	32177	0.37	ng		99

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

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