Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103020\
Data File : BN012479.D
Acq On : 30 Oct 2020 23:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Nov 02 08:44:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 14:49:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.570	152	778	0.40	ng		# 0.00
7) Naphthalene-d8	10.339	136	3299	0.40	ng		0.00
13) Acenaphthene-d10	14.205	164	1818	0.40	ng		-0.01
19) Phenanthrene-d10	16.956	188	3639	0.40	ng		#-0.01
29) Chrysene-d12	21.163	240	3585	0.40	ng		#-0.01
36) Perylene-d12	23.337	264	4264	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.186	112	977	0.36	ng		0.00
5) Phenol-d6	6.757	99	1228	0.36	ng		0.00
8) Nitrobenzene-d5	8.717	82	1284	0.34	ng		-0.01
11) 2-Methylnaphthalene-d10	11.940	152	1940	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.715	330	414	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.834	172	2462	0.36	ng		0.00
27) Fluoranthene-d10	19.003	212	3926	0.35	ng		0.00
31) Terphenyl-d14	19.613	244	3027	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.165	88	411	0.31	ng	#	74
3) n-Nitrosodimethylamine	3.487	42	1169	0.36	ng	#	69
6) bis(2-Chloroethyl)ether	7.015	93	721	0.33	ng	#	83
9) Naphthalene	10.390	128	3340	0.36	ng		98
10) Hexachlorobutadiene	10.668	225	713	0.37	ng	#	97
12) 2-Methylnaphthalene	12.016	142	2104	0.35	ng	#	88
16) Acenaphthylene	13.926	152	3183	0.35	ng		100
17) Acenaphthene	14.268	154	2083	0.36	ng		90
18) Fluorene	15.270	166	2567	0.36	ng		97
20) 4,6-Dinitro-2-methylph...	15.385	198	226	0.33	ng	#	8
21) 4-Bromophenyl-phenylether	16.165	248	760	0.34	ng		90
22) Hexachlorobenzene	16.275	284	998	0.36	ng	#	84
23) Atrazine	16.445	200	713	0.34	ng		95
24) Pentachlorophenol	16.628	266	425	0.34	ng		93
25) Phenanthrene	17.005	178	3830	0.35	ng		97
26) Anthracene	17.102	178	3437	0.34	ng		98
28) Fluoranthene	19.033	202	4372	0.34	ng		100
30) Pyrene	19.395	202	4509	0.37	ng		100
32) Benzo(a)anthracene	21.153	228	4054	0.36	ng		98
33) Chrysene	21.206	228	4232	0.35	ng		98
34) Bis(2-ethylhexyl)phtha...	21.089	149	2612	0.36	ng		92
35) Indeno(1,2,3-cd)pyrene	25.490	276	6719	0.38	ng		95
37) Benzo(b)fluoranthene	22.690	252	4702	0.34	ng	#	86
38) Benzo(k)fluoranthene	22.734	252	5231	0.36	ng	#	89
39) Benzo(a)pyrene	23.241	252	4666	0.36	ng	#	79
40) Dibenzo(a,h)anthracene	25.507	278	5394	0.36	ng		92
41) Benzo(g,h,i)perylene	26.147	276	5590	0.36	ng		97

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

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