Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012449.D
Acq On : 29 Oct 2020 22:23
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 30 00:55:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.578	152	1095	0.40	ng		0.00
7) Naphthalene-d8	10.339	136	4673	0.40	ng		-0.01
13) Acenaphthene-d10	14.217	164	2530	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	4864	0.40	ng		0.00
29) Chrysene-d12	21.174	240	4734	0.40	ng		# 0.00
36) Perylene-d12	23.343	264	5499	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.186	112	1389	0.36	ng		0.00
5) Phenol-d6	6.757	99	1760	0.39	ng		0.00
8) Nitrobenzene-d5	8.717	82	1863	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	11.940	152	2735	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.714	330	585	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.834	172	3563	0.38	ng		-0.01
27) Fluoranthene-d10	19.008	212	5270	0.35	ng		0.00
31) Terphenyl-d14	19.618	244	4075	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.173	88	821	0.46	ng	#	83
3) n-Nitrosodimethylamine	3.487	42	1440	0.33	ng	#	78
6) bis(2-Chloroethyl)ether	7.014	93	1243	0.40	ng		92
9) Naphthalene	10.390	128	4743	0.36	ng		99
10) Hexachlorobutadiene	10.681	225	992	0.36	ng	#	97
12) 2-Methylnaphthalene	12.015	142	3055	0.36	ng	#	90
16) Acenaphthylene	13.925	152	4468	0.36	ng		99
17) Acenaphthene	14.281	154	2865	0.36	ng		92
18) Fluorene	15.270	166	3561	0.35	ng		100
20) 4,6-Dinitro-2-methylph...	15.372	198	217	0.19	ng	#	1
21) 4-Bromophenyl-phenylether	16.165	248	1076	0.36	ng	#	89
22) Hexachlorobenzene	16.275	284	1317	0.37	ng	#	86
23) Atrazine	16.445	200	1002	0.35	ng		96
24) Pentachlorophenol	16.627	266	578	0.35	ng		96
25) Phenanthrene	17.005	178	5180	0.37	ng		98
26) Anthracene	17.102	178	4719	0.36	ng		99
28) Fluoranthene	19.037	202	5879	0.35	ng		100
30) Pyrene	19.400	202	5943	0.37	ng		99
32) Benzo(a)anthracene	21.152	228	5401	0.37	ng		97
33) Chrysene	21.206	228	5754	0.36	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	3632	0.39	ng		91
35) Indeno(1,2,3-cd)pyrene	25.503	276	8422	0.36	ng		99
37) Benzo(b)fluoranthene	22.697	252	6328	0.36	ng	#	91
38) Benzo(k)fluoranthene	22.738	252	6650	0.35	ng	#	91
39) Benzo(a)pyrene	23.248	252	6098	0.36	ng	#	86
40) Dibenzo(a,h)anthracene	25.514	278	6990	0.37	ng		94
41) Benzo(g,h,i)perylene	26.157	276	7183	0.36	ng		97

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

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