Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012459.D
Acq On : 30 Oct 2020 05:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 30 05:36:31 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	1259	0.40	ng		0.00
7) Naphthalene-d8	10.339	136	5457	0.40	ng		#-0.01
13) Acenaphthene-d10	14.217	164	2963	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	5899	0.40	ng		0.00
29) Chrysene-d12	21.174	240	5853	0.40	ng		0.00
36) Perylene-d12	23.340	264	6560	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.186	112	1572	0.36	ng		0.00
5) Phenol-d6	6.757	99	2016	0.39	ng		0.00
8) Nitrobenzene-d5	8.717	82	2097	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	11.940	152	3108	0.35	ng		-0.01
14) 2,4,6-Tribromophenol	15.714	330	672	0.32	ng		-0.01
15) 2-Fluorobiphenyl	12.834	172	3999	0.36	ng		-0.01
27) Fluoranthene-d10	19.003	212	6125	0.34	ng		0.00
31) Terphenyl-d14	19.613	244	4754	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.165	88	654	0.32	ng	#	64
3) n-Nitrosodimethylamine	3.487	42	1580	0.32	ng	#	79
6) bis(2-Chloroethyl)ether	7.015	93	1368	0.39	ng		88
9) Naphthalene	10.390	128	5399	0.35	ng		99
10) Hexachlorobutadiene	10.668	225	1078	0.33	ng	#	97
12) 2-Methylnaphthalene	12.011	142	3489	0.35	ng	#	90
16) Acenaphthylene	13.926	152	5049	0.35	ng		99
17) Acenaphthene	14.281	154	3247	0.35	ng		90
18) Fluorene	15.270	166	3901	0.33	ng		95
20) 4,6-Dinitro-2-methylph...	15.372	198	391	0.28	ng	#	31
21) 4-Bromophenyl-phenylether	16.165	248	1211	0.34	ng		95
22) Hexachlorobenzene	16.275	284	1479	0.34	ng	#	85
23) Atrazine	16.445	200	1158	0.34	ng		95
24) Pentachlorophenol	16.628	266	657	0.33	ng		99
25) Phenanthrene	17.005	178	6082	0.35	ng		98
26) Anthracene	17.102	178	5652	0.35	ng		100
28) Fluoranthene	19.033	202	6961	0.34	ng		99
30) Pyrene	19.400	202	7048	0.36	ng		99
32) Benzo(a)anthracene	21.152	228	6676	0.37	ng		99
33) Chrysene	21.206	228	6581	0.33	ng		99
34) Bis(2-ethylhexyl)phtha...	21.099	149	4378	0.38	ng		92
35) Indeno(1,2,3-cd)pyrene	25.497	276	9531	0.33	ng		99
37) Benzo(b)fluoranthene	22.693	252	7391	0.36	ng	#	83
38) Benzo(k)fluoranthene	22.738	252	7615	0.34	ng	#	90
39) Benzo(a)pyrene	23.244	252	7191	0.36	ng	#	73
40) Dibenzo(a,h)anthracene	25.510	278	7730	0.34	ng	#	94
41) Benzo(g,h,i)perylene	26.157	276	7944	0.33	ng		96

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

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