Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016843.D
Acq On : 08 Oct 2021 14:18
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 08 15:47:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	18259	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	81454	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	42443	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	81758	0.400	ng	0.00
29) Chrysene-d12	21.206	240	86837	0.400	ng	# 0.00
35) Perylene-d12	23.453	264	90639	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	17577	0.385	ng	0.00
5) Phenol-d6	6.794	99	19850	0.383	ng	0.00
8) Nitrobenzene-d5	8.759	82	20332	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	11.980	152	45704	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	7679	0.350	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	64705	0.378	ng	0.00
27) Fluoranthene-d10	19.043	212	84993	0.374	ng	0.00
31) Terphenyl-d14	19.658	244	74596	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	2756	0.337	ng	# 72
3) n-Nitrosodimethylamine	3.566	42	5488	0.383	ng	100
6) bis(2-Chloroethyl)ether	7.052	93	19661	0.390	ng	100
9) Naphthalene	10.432	128	83555	0.377	ng	100
10) Hexachlorobutadiene	10.723	225	16276	0.384	ng	# 100
12) 2-Methylnaphthalene	12.051	142	54415	0.383	ng	100
16) Acenaphthylene	13.964	152	68938	0.368	ng	100
17) Acenaphthene	14.306	154	47445	0.381	ng	100
18) Fluorene	15.296	166	57946	0.383	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	1637	0.281	ng	# 73
21) 4-Bromophenyl-phenylether	16.202	248	18832	0.370	ng	95
22) Hexachlorobenzene	16.311	284	22106	0.380	ng	99
23) Atrazine	16.482	200	13165	0.325	ng	100
24) Pentachlorophenol	16.652	266	7392	0.372	ng	99
25) Phenanthrene	17.042	178	92717	0.382	ng	100
26) Anthracene	17.127	178	78607	0.364	ng	100
28) Fluoranthene	19.072	202	105775	0.388	ng	100
30) Pyrene	19.435	202	107357	0.402	ng	100
32) Benzo(a)anthracene	21.195	228	104756	0.390	ng	98
33) Chrysene	21.248	228	112558	0.412	ng	98
34) Bis(2-ethylhexyl)phtha...	21.153	149	46203	0.339	ng	100
36) Indeno(1,2,3-cd)pyrene	25.716	276	134778	0.393	ng	100
37) Benzo(b)fluoranthene	22.779	252	114672	0.400	ng	99
38) Benzo(k)fluoranthene	22.823	252	116350	0.417	ng	100
39) Benzo(a)pyrene	23.354	252	105429	0.402	ng	99
40) Dibenzo(a,h)anthracene	25.740	278	110555	0.393	ng	99
41) Benzo(g,h,i)perylene	26.407	276	116059	0.389	ng	99

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

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