Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
Data File : BN015385.D
Acq On : 07 Jul 2021 23:54
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 08 06:44:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 11:11:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	18584	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	82096	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	43426	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	82762	0.400	ng	0.00
29) Chrysene-d12	21.280	240	77863	0.400	ng	#-0.01
35) Perylene-d12	23.525	264	74168	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	21403	0.452	ng	0.00
5) Phenol-d6	6.895	99	26393	0.443	ng	0.00
8) Nitrobenzene-d5	8.860	82	22586	0.491	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	51583	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6572	0.571	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	67390	0.382	ng	0.00
27) Fluoranthene-d10	19.122	212	91371	0.374	ng	0.00
31) Terphenyl-d14	19.723	244	69212	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	3702	0.425	ng	# 58
3) n-Nitrosodimethylamine	3.668	42	6054	0.371	ng	# 79
6) bis(2-Chloroethyl)ether	7.154	93	23160	0.395	ng	# 85
9) Naphthalene	10.533	128	90665	0.385	ng	98
10) Hexachlorobutadiene	10.825	225	17333	0.391	ng	# 99
12) 2-Methylnaphthalene	12.149	142	59627	0.395	ng	# 90
16) Acenaphthylene	14.053	152	76161	0.396	ng	98
17) Acenaphthene	14.396	154	51746	0.384	ng	98
18) Fluorene	15.385	166	63102	0.384	ng	99
20) 4,6-Dinitro-2-methylph...	15.474	198	1914	1.171	ng	# 55
21) 4-Bromophenyl-phenylether	16.275	248	19658	0.375	ng	# 67
22) Hexachlorobenzene	16.397	284	22194	0.372	ng	# 92
23) Atrazine	16.543	200	13245	0.465	ng	# 89
24) Pentachlorophenol	16.738	266	5114	0.729	ng	99
25) Phenanthrene	17.127	178	102383	0.384	ng	99
26) Anthracene	17.212	178	85865	0.376	ng	99
28) Fluoranthene	19.152	202	112472	0.393	ng	# 97
30) Pyrene	19.515	202	111615	0.377	ng	99
32) Benzo(a)anthracene	21.270	228	103128	0.386	ng	96
33) Chrysene	21.323	228	112003	0.385	ng	97
34) Bis(2-ethylhexyl)phtha...	21.206	149	40973	0.570	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.771	276	111023	0.418	ng	# 88
37) Benzo(b)fluoranthene	22.851	252	114278	0.393	ng	# 94
38) Benzo(k)fluoranthene	22.896	252	112362	0.362	ng	# 94
39) Benzo(a)pyrene	23.426	252	102238	0.384	ng	# 89
40) Dibenzo(a,h)anthracene	25.785	278	90176	0.433	ng	# 91
41) Benzo(g,h,i)perylene	26.462	276	92640	0.403	ng	# 90

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

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