Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
Data File : BN015571.D
Acq On : 14 Jul 2021 19:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 15 01:05:23 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 14 11:20:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	15509	0.400	ng	# 0.00
7) Naphthalene-d8	10.597	136	70497	0.400	ng	0.00
13) Acenaphthene-d10	14.446	164	38962	0.400	ng	0.01
19) Phenanthrene-d10	17.188	188	73487	0.400	ng	0.00
29) Chrysene-d12	21.387	240	52724	0.400	ng	# 0.00
35) Perylene-d12	23.745	264	29052	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	18225	0.461	ng	0.00
5) Phenol-d6	6.988	99	22225	0.447	ng	0.00
8) Nitrobenzene-d5	8.962	82	18127	0.459	ng	0.00
11) 2-Methylnaphthalene-d10	12.190	152	45043	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.931	330	5219	0.530	ng	0.00
15) 2-Fluorobiphenyl	13.063	172	59534	0.376	ng	0.00
27) Fluoranthene-d10	19.227	212	79523	0.366	ng	0.00
31) Terphenyl-d14	19.827	244	58307	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	3094	0.426	ng	# 59
3) n-Nitrosodimethylamine	3.724	42	4906	0.360	ng	# 77
6) bis(2-Chloroethyl)ether	7.246	93	19220	0.393	ng	# 85
9) Naphthalene	10.648	128	78102	0.386	ng	97
10) Hexachlorobutadiene	10.939	225	14594	0.383	ng	# 99
12) 2-Methylnaphthalene	12.265	142	52309	0.403	ng	# 89
16) Acenaphthylene	14.155	152	65627	0.380	ng	98
17) Acenaphthene	14.497	154	45918	0.380	ng	99
18) Fluorene	15.487	166	56201	0.381	ng	98
20) 4,6-Dinitro-2-methylph...	15.576	198	384	0.465	ng	# 77
21) 4-Bromophenyl-phenylether	16.385	248	17452	0.374	ng	89
22) Hexachlorobenzene	16.506	284	20069	0.379	ng	# 92
23) Atrazine	16.652	200	11221	0.451	ng	93
24) Pentachlorophenol	16.847	266	3181	0.590	ng	99
25) Phenanthrene	17.237	178	91826	0.388	ng	99
26) Anthracene	17.322	178	75917	0.374	ng	99
28) Fluoranthene	19.257	202	97573	0.384	ng	# 97
30) Pyrene	19.619	202	95788	0.478	ng	99
32) Benzo(a)anthracene	21.376	228	67659	0.374	ng	96
33) Chrysene	21.419	228	74585	0.379	ng	98
34) Bis(2-ethylhexyl)phtha...	21.312	149	30961	0.616	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.175	276	20896	0.201	ng	# 83
37) Benzo(b)fluoranthene	23.029	252	50434	0.443	ng	# 95
38) Benzo(k)fluoranthene	23.074	252	51584	0.424	ng	# 95
39) Benzo(a)pyrene	23.642	252	35376	0.340	ng	# 90
40) Dibenzo(a,h)anthracene	26.192	278	16258	0.199	ng	# 91
41) Benzo(g,h,i)perylene	26.914	276	16856	0.187	ng	# 90

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

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