Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026755.D
Acq On : 25 Jul 2023 20:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 26 04:24:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	1648	0.400	ng	0.00
7) Naphthalene-d8	10.628	136	5347	0.400	ng	# 0.00
13) Acenaphthene-d10	14.459	164	3639	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	6640	0.400	ng	# 0.00
29) Chrysene-d12	21.408	240	5587	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	6963	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	1466	0.367	ng	0.01
5) Phenol-d6	7.048	99	1615	0.317	ng	0.00
8) Nitrobenzene-d5	9.048	82	1294	0.283	ng	0.01
11) 2-Methylnaphthalene-d10	12.230	152	3374	0.432	ng	0.00
14) 2,4,6-Tribromophenol	15.978	330	539	0.407	ng	0.00
15) 2-Fluorobiphenyl	13.101	172	5192	0.370	ng	0.00
27) Fluoranthene-d10	19.249	212	6598	0.469	ng	0.00
31) Terphenyl-d14	19.848	244	4577	0.320	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	667	0.383	ng	# 84
3) n-Nitrosodimethylamine	3.639	42	741	0.420	ng	# 55
6) bis(2-Chloroethyl)ether	7.293	93	447	0.107	ng	# 74
9) Naphthalene	10.682	128	5637	0.389	ng	95
10) Hexachlorobutadiene	10.938	225	1463	0.523	ng	# 98
12) 2-Methylnaphthalene	12.302	142	4075	0.400	ng	# 92
16) Acenaphthylene	14.181	152	6664	0.391	ng	99
17) Acenaphthene	14.523	154	4257	0.386	ng	98
18) Fluorene	15.519	166	5077	0.353	ng	99
21) 4-Bromophenyl-phenylether	16.412	248	1745	0.460	ng	# 92
22) Hexachlorobenzene	16.524	284	1948	0.513	ng	93
23) Atrazine	16.686	200	1609	0.494	ng	92
24) Pentachlorophenol	16.897	266	702	0.392	ng	95
25) Phenanthrene	17.257	178	7099	0.365	ng	99
26) Anthracene	17.356	178	6509	0.372	ng	98
28) Fluoranthene	19.281	202	8399	0.411	ng	# 92
30) Pyrene	19.644	202	8416	0.272	ng	99
32) Benzo(a)anthracene	21.399	228	6493	0.323	ng	97
33) Chrysene	21.444	228	7768	0.347	ng	98
34) Bis(2-ethylhexyl)phtha...	21.300	149	5313	0.296	ng	# 92
36) Indeno(1,2,3-cd)pyrene	26.241	276	9554	0.334	ng	# 84
37) Benzo(b)fluoranthene	23.063	252	7206	0.285	ng	# 87
38) Benzo(k)fluoranthene	23.107	252	8070	0.295	ng	# 89
39) Benzo(a)pyrene	23.680	252	7652	0.309	ng	# 85
40) Dibenzo(a,h)anthracene	26.259	278	7327	0.327	ng	# 86
41) Benzo(g,h,i)perylene	26.986	276	8788	0.337	ng	# 85

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

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