Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
Data File : BN022339.D
Acq On : 26 Oct 2022 17:38
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 27 06:51:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 06:48:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3444	0.400	ng	0.00
7) Naphthalene-d8	10.773	136	10624	0.400	ng	0.00
13) Acenaphthene-d10	14.610	164	5995	0.400	ng	0.00
19) Phenanthrene-d10	17.375	188	12812	0.400	ng	# 0.01
29) Chrysene-d12	21.573	240	10113	0.400	ng	0.00
35) Perylene-d12	24.031	264	8590	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.472	112	906	0.114	ng	0.00
5) Phenol-d6	7.112	99	1086	0.105	ng	0.00
8) Nitrobenzene-d5	9.129	82	822	0.096	ng	0.01
11) 2-Methylnaphthalene-d10	12.368	152	1507	0.077	ng	0.00
14) 2,4,6-Tribromophenol	16.121	330	221	0.097	ng	0.01
15) 2-Fluorobiphenyl	13.242	172	2489	0.095	ng	0.00
27) Fluoranthene-d10	19.411	212	3224	0.095	ng	0.00
31) Terphenyl-d14	20.006	244	2429	0.119	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.291	88	473	0.106	ng	# 95
3) n-Nitrosodimethylamine	3.638	42	482	0.099	ng	# 99
6) bis(2-Chloroethyl)ether	7.372	93	1020	0.093	ng	97
9) Naphthalene	10.816	128	2976	0.093	ng	# 94
10) Hexachlorobutadiene	11.104	225	523	0.094	ng	# 97
12) 2-Methylnaphthalene	12.085	142	520	0.109	ng	# 51
16) Acenaphthylene	14.332	152	2502	0.088	ng	99
17) Acenaphthene	14.675	154	1826	0.091	ng	99
18) Fluorene	15.669	166	2589	0.107	ng	98
21) 4-Bromophenyl-phenylether	16.556	248	728	0.093	ng	# 90
22) Hexachlorobenzene	16.667	284	824	0.085	ng	98
23) Atrazine	16.829	200	591	0.102	ng	# 86
25) Phenanthrene	17.412	178	4343	0.099	ng	99
26) Anthracene	17.511	178	3307	0.094	ng	99
28) Fluoranthene	19.441	202	4354	0.092	ng	100
30) Pyrene	19.803	202	4521	0.102	ng	99
32) Benzo(a)anthracene	21.555	228	3733	0.098	ng	98
33) Chrysene	21.609	228	4073	0.097	ng	98
34) Bis(2-ethylhexyl)phtha...	21.474	149	3982	0.218	ng	97
36) Indeno(1,2,3-cd)pyrene	26.619	276	3317	0.076	ng	100
37) Benzo(b)fluoranthene	23.277	252	3542	0.087	ng	# 71
38) Benzo(k)fluoranthene	23.327	252	3618	0.089	ng	# 73
39) Benzo(a)pyrene	23.923	252	2855	0.092	ng	# 57
40) Dibenzo(a,h)anthracene	26.642	278	2562	0.074	ng	# 82
41) Benzo(g,h,i)perylene	27.414	276	2846	0.076	ng	# 88

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

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