Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
Data File : BN015188.D
Acq On : 29 Jun 2021 15:27
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
6/30/2021 2:14:30 PM

Quant Time: Jun 29 16:43:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 16:42:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	17622	0.400	ng	# 0.00
7) Naphthalene-d8	10.505	136	78018	0.400	ng	# 0.00
13) Acenaphthene-d10	14.345	164	36420	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	64589	0.400	ng	0.00
29) Chrysene-d12	21.302	240	60798	0.400	ng	# 0.00
35) Perylene-d12	23.557	264	62225	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.343	112	8243	0.151	ng	0.00
5) Phenol-d6	6.902	99	12410	0.180	ng	0.00
8) Nitrobenzene-d5	8.870	82	13859	0.235	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	26784	0.200	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1670	0.098	ng	0.00
15) 2-Fluorobiphenyl	12.975	172	31374	0.227	ng	0.00
27) Fluoranthene-d10	19.138	212	38154	0.187	ng	0.00
31) Terphenyl-d14	19.744	244	25892	0.172	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	999m	0.135	ng	
3) n-Nitrosodimethylamine	3.684	42	2164	0.132	ng	# 59
6) bis(2-Chloroethyl)ether	7.169	93	11670	0.215	ng	# 82
9) Naphthalene	10.543	128	45525	0.208	ng	98
10) Hexachlorobutadiene	10.847	225	9324	0.215	ng	# 99
12) 2-Methylnaphthalene	12.163	142	28643	0.195	ng	# 90
16) Acenaphthylene	14.066	152	35612	0.194	ng	98
17) Acenaphthene	14.409	154	23246	0.206	ng	97
18) Fluorene	15.399	166	26764	0.193	ng	99
21) 4-Bromophenyl-phenylether	16.288	248	8252	0.198	ng	# 77
22) Hexachlorobenzene	16.410	284	11008	0.250	ng	# 91
23) Atrazine	16.556	200	3397	0.091	ng	92
24) Pentachlorophenol	16.750	266	428	0.026	ng	98
25) Phenanthrene	17.140	178	43082	0.219	ng	99
26) Anthracene	17.225	178	33962	0.176	ng	99
28) Fluoranthene	19.168	202	44736	0.200	ng	# 97
30) Pyrene	19.530	202	42253	0.175	ng	99
32) Benzo(a)anthracene	21.292	228	37952	0.166	ng	97
33) Chrysene	21.345	228	46357	0.211	ng	98
34) Bis(2-ethylhexyl)phtha...	21.228	149	9670	0.060	ng	# 84
36) Indeno(1,2,3-cd)pyrene	25.819	276	48884	0.235	ng	# 88
37) Benzo(b)fluoranthene	22.886	252	46356	0.199	ng	# 93
38) Benzo(k)fluoranthene	22.927	252	51837	0.230	ng	# 94
39) Benzo(a)pyrene	23.461	252	43763	0.213	ng	# 84
40) Dibenzo(a,h)anthracene	25.833	278	38966	0.232	ng	# 91
41) Benzo(g,h,i)perylene	26.507	276	39610	0.220	ng	# 89

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

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