Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
Data File : BN015191.D
Acq On : 29 Jun 2021 17:16
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
mohammad
6/30/2021 2:14:38 PM

Quant Time: Jun 29 17:49:10 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	7.732	152	17387	0.400	ng	0.00
7) Naphthalene-d8	10.505	136	74382	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	37104	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	64616	0.400	ng	0.00
29) Chrysene-d12	21.303	240	66951	0.400	ng	# 0.00
35) Perylene-d12	23.557	264	57837	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.344	112	59412	1.105	ng	0.00
5) Phenol-d6	6.902	99	92472	1.358	ng	0.00
8) Nitrobenzene-d5	8.870	82	114528	2.038	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	199161	1.561	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	21620	1.242	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	252977	1.795	ng	0.00
27) Fluoranthene-d10	19.133	212	342987	1.684	ng	0.00
31) Terphenyl-d14	19.739	244	247984	1.495	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	8947m	1.227	ng	
3) n-Nitrosodimethylamine	3.666	42	17057	1.056	ng	# 64
6) bis(2-Chloroethyl)ether	7.169	93	89936	1.680	ng	# 83
9) Naphthalene	10.543	128	355206	1.704	ng	97
10) Hexachlorobutadiene	10.848	225	70273	1.698	ng	# 98
12) 2-Methylnaphthalene	12.164	142	226981	1.618	ng	# 90
16) Acenaphthylene	14.067	152	322835	1.722	ng	98
17) Acenaphthene	14.409	154	195951	1.709	ng	99
18) Fluorene	15.399	166	244691	1.729	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	2995	0.808	ng	# 55
21) 4-Bromophenyl-phenylether	16.288	248	76902	1.842	ng	# 80
22) Hexachlorobenzene	16.410	284	87577	1.987	ng	# 91
23) Atrazine	16.556	200	47944	1.285	ng	90
24) Pentachlorophenol	16.751	266	10135	0.626	ng	99
25) Phenanthrene	17.140	178	373104	1.893	ng	99
26) Anthracene	17.226	178	346615	1.799	ng	99
28) Fluoranthene	19.163	202	421587	1.888	ng	# 97
30) Pyrene	19.531	202	413473	1.559	ng	99
32) Benzo(a)anthracene	21.292	228	400436	1.586	ng	97
33) Chrysene	21.345	228	416163	1.721	ng	97
34) Bis(2-ethylhexyl)phtha...	21.228	149	141040	0.801	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.817	276	410585	2.125	ng	# 87
37) Benzo(b)fluoranthene	22.883	252	398091	1.835	ng	# 96
38) Benzo(k)fluoranthene	22.928	252	406260	1.940	ng	# 94
39) Benzo(a)pyrene	23.458	252	361729	1.894	ng	# 94
40) Dibenzo(a,h)anthracene	25.834	278	331504	2.120	ng	# 91
41) Benzo(g,h,i)perylene	26.508	276	337042	2.010	ng	# 90

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

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