Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
Data File : BN015190.D
Acq On : 29 Jun 2021 16:40
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Manual Integrations APPROVED
mohammad
6/30/2021 2:14:36 PM

Quant Time: Jun 29 17:09:13 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	15854	0.400	ng	# 0.00
7) Naphthalene-d8	10.505	136	70068	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	34391	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	60153	0.400	ng	0.00
29) Chrysene-d12	21.303	240	61796	0.400	ng	# 0.00
35) Perylene-d12	23.557	264	53804	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.344	112	27461	0.560	ng	0.00
5) Phenol-d6	6.902	99	42105	0.678	ng	0.00
8) Nitrobenzene-d5	8.870	82	52190	0.986	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	92053	0.766	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	8007	0.496	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	116997	0.896	ng	-0.01
27) Fluoranthene-d10	19.133	212	147553	0.778	ng	0.00
31) Terphenyl-d14	19.739	244	114186	0.746	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	3987m	0.600	ng	
3) n-Nitrosodimethylamine	3.675	42	7670	0.521	ng	# 63
6) bis(2-Chloroethyl)ether	7.169	93	41943	0.859	ng	# 82
9) Naphthalene	10.543	128	165037	0.840	ng	97
10) Hexachlorobutadiene	10.847	225	33175	0.851	ng	# 98
12) 2-Methylnaphthalene	12.164	142	106601	0.807	ng	# 90
16) Acenaphthylene	14.067	152	145178	0.836	ng	98
17) Acenaphthene	14.409	154	89528	0.842	ng	98
18) Fluorene	15.399	166	110557	0.843	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	717	0.208	ng	# 69
21) 4-Bromophenyl-phenylether	16.288	248	34341	0.883	ng	# 78
22) Hexachlorobenzene	16.410	284	40531	0.988	ng	# 91
23) Atrazine	16.556	200	17219	0.496	ng	90
24) Pentachlorophenol	16.751	266	2731	0.181	ng	98
25) Phenanthrene	17.140	178	168245	0.917	ng	99
26) Anthracene	17.225	178	149500	0.833	ng	99
28) Fluoranthene	19.163	202	190471	0.916	ng	# 97
30) Pyrene	19.530	202	181894	0.743	ng	99
32) Benzo(a)anthracene	21.292	228	171154	0.735	ng	97
33) Chrysene	21.345	228	186589	0.836	ng	97
34) Bis(2-ethylhexyl)phtha...	21.228	149	45846	0.282	ng	# 85
36) Indeno(1,2,3-cd)pyrene	25.816	276	184568	1.027	ng	# 87
37) Benzo(b)fluoranthene	22.880	252	176769	0.876	ng	# 95
38) Benzo(k)fluoranthene	22.924	252	189514	0.973	ng	# 94
39) Benzo(a)pyrene	23.458	252	164162	0.924	ng	# 93
40) Dibenzo(a,h)anthracene	25.830	278	148337	1.020	ng	# 91
41) Benzo(g,h,i)perylene	26.504	276	148155	0.950	ng	# 89

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

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