Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
Data File : BN015579.D
Acq On : 15 Jul 2021 14:50
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED
mohammad
7/16/2021 8:53:21 AM

Quant Time: Jul 15 15:24:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 15 12:19:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	15420	0.400	ng	# 0.00
7) Naphthalene-d8	10.584	136	60640	0.400	ng	# 0.00
13) Acenaphthene-d10	14.434	164	31893	0.400	ng	0.00
19) Phenanthrene-d10	17.176	188	59437	0.400	ng	0.00
29) Chrysene-d12	21.387	240	54672	0.400	ng	0.01
35) Perylene-d12	23.731	264	53676	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.393	112	207582	5.283	ng	0.00
5) Phenol-d6	6.969	99	249094	5.034	ng	0.00
8) Nitrobenzene-d5	8.949	82	241194	7.101	ng	0.00
11) 2-Methylnaphthalene-d10	12.181	152	464374	4.624	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	13.051	172	595779	4.598	ng	0.00
27) Fluoranthene-d10	19.217	212	880028	5.013	ng	0.00
31) Terphenyl-d14	19.823	244	625707	4.892	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	34554m	4.780	ng	
3) n-Nitrosodimethylamine	3.678	42	65928	4.865	ng	# 80
6) bis(2-Chloroethyl)ether	7.237	93	209456	4.304	ng	# 85
9) Naphthalene	10.635	128	806731	4.637	ng	97
10) Hexachlorobutadiene	10.926	225	154773	4.725	ng	# 99
12) 2-Methylnaphthalene	12.252	142	514636	4.611	ng	# 89
16) Acenaphthylene	14.155	152	776437	5.494	ng	98
17) Acenaphthene	14.497	154	476931	4.818	ng	96
18) Fluorene	15.487	166	577797	4.790	ng	98
20) 4,6-Dinitro-2-methylph...	15.563	198	39858	34.886	ng	# 42
21) 4-Bromophenyl-phenylether	16.373	248	186644	4.952	ng	# 86
22) Hexachlorobenzene	16.494	284	196027	4.578	ng	# 92
23) Atrazine	16.640	200	165434	7.562	ng	91
24) Pentachlorophenol	16.835	266	85709	13.438	ng	99
25) Phenanthrene	17.225	178	903463	4.720	ng	99
26) Anthracene	17.310	178	855685	5.215	ng	99
28) Fluoranthene	19.247	202	980727	4.766	ng	# 96
30) Pyrene	19.609	202	1027474	4.939	ng	99
32) Benzo(a)anthracene	21.366	228	988934	5.274	ng	97
33) Chrysene	21.419	228	962227	4.710	ng	98
36) Indeno(1,2,3-cd)pyrene	26.148	276	1032338	5.369	ng	# 87
37) Benzo(b)fluoranthene	23.019	252	1006718	4.784	ng	# 96
38) Benzo(k)fluoranthene	23.067	252	972907	4.331	ng	# 94
39) Benzo(a)pyrene	23.625	252	915642	4.758	ng	# 94
40) Dibenzo(a,h)anthracene	26.165	278	831629	5.513	ng	# 91
41) Benzo(g,h,i)perylene	26.894	276	898648	5.397	ng	# 89

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

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