Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043021\
Data File : BN014501.D
Acq On : 30 Apr 2021 14:07
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
5/3/2021 10:51:08 AM

Quant Time: Apr 30 15:37:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 15:34:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.628	152	8513	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	30012	0.40	ng		0.00
13) Acenaphthene-d10	14.270	164	15375	0.40	ng		0.00
19) Phenanthrene-d10	17.019	188	30114	0.40	ng		0.00
29) Chrysene-d12	21.218	240	25185	0.40	ng		0.00
35) Perylene-d12	23.417	264	20816	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	3506	0.23	ng		0.00
5) Phenol-d6	6.798	99	3790	0.20	ng		0.00
8) Nitrobenzene-d5	8.769	82	3184	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.000	152	12254	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	815	0.21	ng		0.00
15) 2-Fluorobiphenyl	12.887	172	11975	0.20	ng		0.00
27) Fluoranthene-d10	19.054	212	20628	0.20	ng		0.00
31) Terphenyl-d14	19.660	244	11850	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.174	88	2220	0.23	ng		94
3) n-Nitrosodimethylamine	3.553	42	544	0.13	ng	#	1
6) bis(2-Chloroethyl)ether	7.064	93	4028	0.19	ng		98
9) Naphthalene	10.454	128	15970	0.20	ng		99
10) Hexachlorobutadiene	10.746	225	3260	0.21	ng	#	100
12) 2-Methylnaphthalene	12.075	142	10281	0.20	ng		98
16) Acenaphthylene	13.978	152	10544	0.18	ng		99
17) Acenaphthene	14.334	154	8595	0.20	ng		99
18) Fluorene	15.323	166	10459	0.20	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	121	0.05	ng	#	1
21) 4-Bromophenyl-phenylether	16.216	248	3199	0.20	ng		99
22) Hexachlorobenzene	16.325	284	4319	0.20	ng		99
23) Atrazine	16.484	200	1728	0.23	ng		96
24) Pentachlorophenol	16.703	266	533	0.15	ng	#	47
25) Phenanthrene	17.056	178	17165	0.20	ng		100
26) Anthracene	17.141	178	12083	0.18	ng		99
28) Fluoranthene	19.084	202	17765	0.19	ng		100
30) Pyrene	19.447	202	17854	0.21	ng		100
32) Benzo(a)anthracene	21.197	228	13573	0.20	ng		99
33) Chrysene	21.250	228	16927	0.20	ng		100
34) Bis(2-ethylhexyl)phtha...	21.144	149	6462	0.35	ng		99
36) Indeno(1,2,3-cd)pyrene	25.622	276	14099	0.17	ng		97
37) Benzo(b)fluoranthene	22.760	252	14849m	0.19	ng		
38) Benzo(k)fluoranthene	22.801	252	17911	0.21	ng	#	93
39) Benzo(a)pyrene	23.322	252	13579	0.20	ng	#	80
40) Dibenzo(a,h)anthracene	25.635	278	11450	0.16	ng		94
41) Benzo(g,h,i)perylene	26.293	276	14713	0.19	ng		97

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

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