Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040621\
Data File : BN014207.D
Acq On : 05 Apr 2021 17:14
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Manual Integrations APPROVED
mohammad
4/6/2021 3:24:34 PM

Quant Time: Apr 05 19:00:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 05 18:58:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.644	152	5937	0.40	ng		0.00
7) Naphthalene-d8	10.429	136	23219	0.40	ng		0.00
13) Acenaphthene-d10	14.283	164	14211	0.40	ng		0.00
19) Phenanthrene-d10	17.031	188	31356	0.40	ng		0.00
29) Chrysene-d12	21.226	240	31651	0.40	ng	#	0.00
36) Perylene-d12	23.425	264	33104	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	1634	0.11	ng		0.00
5) Phenol-d6	6.814	99	2095	0.11	ng		0.00
8) Nitrobenzene-d5	8.794	82	1664	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.017	152	5239	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	492	0.11	ng		0.00
15) 2-Fluorobiphenyl	12.900	172	5419	0.10	ng		0.00
27) Fluoranthene-d10	19.066	212	11905	0.10	ng		0.00
31) Terphenyl-d14	19.672	244	7576	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.174	88	904	0.12	ng		92
6) bis(2-Chloroethyl)ether	7.080	93	1757	0.11	ng		100
9) Naphthalene	10.467	128	6268	0.10	ng		97
10) Hexachlorobutadiene	10.758	225	1158	0.10	ng	#	100
12) 2-Methylnaphthalene	12.093	142	4388	0.11	ng		99
16) Acenaphthylene	14.004	152	5256	0.09	ng		99
17) Acenaphthene	14.346	154	4113	0.10	ng		99
18) Fluorene	15.336	166	5163	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.412	198	354	0.09	ng	#	21
21) 4-Bromophenyl-phenylether	16.227	248	1729	0.10	ng		98
22) Hexachlorobenzene	16.337	284	1917	0.10	ng		99
23) Atrazine	16.495	200	1084	0.10	ng		94
25) Phenanthrene	17.067	178	9038	0.10	ng		99
26) Anthracene	17.164	178	7176	0.09	ng		99
28) Fluoranthene	19.096	202	10049	0.10	ng		100
30) Pyrene	19.459	202	10553	0.10	ng		100
32) Benzo(a)anthracene	21.205	228	9630	0.10	ng		99
33) Chrysene	21.258	228	10682	0.10	ng		98
34) Bis(2-ethylhexyl)phtha...	21.141	149	3809	0.13	ng		99
35) Indeno(1,2,3-cd)pyrene	25.629	276	13215	0.11	ng		99
37) Benzo(b)fluoranthene	22.764	252	12359m	0.10	ng		
38) Benzo(k)fluoranthene	22.809	252	11577	0.09	ng	#	93
39) Benzo(a)pyrene	23.329	252	10738	0.10	ng	#	75
40) Dibenzo(a,h)anthracene	25.639	278	10894	0.09	ng		94
41) Benzo(g,h,i)perylene	26.303	276	11415	0.09	ng		97

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

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