Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
Data File : BE100969.D
Acq On : 24 Dec 2019 11:40
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Manual Integrations APPROVED
mohammad
12/26/2019 4:02:23 PM

Quant Time: Dec 24 14:11:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 11:32:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2675	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	13329	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	8346	0.40	ng		-0.01
19) Phenanthrene-d10	17.11	188	18176	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	19542	0.40	ng		0.00
34) Perylene-d12	23.72	264	22158	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	7793m	1.63	ng		-0.01
5) Phenol-d6	6.93	99	12563m	2.16	ng		-0.06
8) Nitrobenzene-d5	8.89	82	12543	1.78	ng		-0.03
11) 2-Methylnaphthalene-d10	12.12	152	32737	1.63	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	3517	1.72	ng		-0.01
15) 2-Fluorobiphenyl	13.00	172	49533	1.68	ng		-0.01
25) Fluoranthene-d10	19.14	212	372290	1.64	ng		0.00
29) Terphenyl-d14	19.75	244	75511	1.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	9606	0.943	ng	#	85
3) n-Nitrosodimethylamine	3.63	42	4270	1.458	ng	#	78
6) bis(2-Chloroethyl)ether	7.18	93	18341m	2.682	ng		
9) Naphthalene	10.56	128	235716	1.637	ng		99
10) Hexachlorobutadiene	10.86	225	9750	1.584	ng		99
12) 2-Methylnaphthalene	12.19	142	36691m	1.811	ng		
16) Acenaphthylene	14.10	152	53944	1.569	ng		100
17) Acenaphthene	14.44	154	38129	1.630	ng		99
18) Fluorene	15.41	166	48728	1.646	ng		100
20) 4-Bromophenyl-phenylether	16.32	248	14061	1.739	ng	#	88
21) Hexachlorobenzene	16.43	284	15798	1.714	ng		99
22) Pentachlorophenol	16.79	266	2365m	1.735	ng		
23) Phenanthrene	17.15	178	82202	1.735	ng		99
24) Anthracene	17.24	178	80119m	2.517	ng		
26) Fluoranthene	19.17	202	110339	1.678	ng		99
28) Pyrene	19.53	202	113329	1.622	ng		100
30) Benzo(a)anthracene	21.27	228	86776	1.694	ng		99
31) Chrysene	21.33	228	132875m	2.058	ng		
32) Bis(2-ethylhexyl)phthalate	21.22	149	149700	0.929	ng		100
33) Indeno(1,2,3-cd)pyrene	26.28	276	109037	1.614	ng	#	91
35) Benzo(b)fluoranthene	22.98	252	88126	1.793	ng		98
36) Benzo(k)fluoranthene	23.03	252	139815	2.132	ng		96
37) Benzo(a)pyrene	23.62	252	91847	1.641	ng	#	93
38) Dibenzo(a,h)anthracene	26.31	278	82456	1.749	ng	#	95
39) Benzo(g,h,i)perylene	27.06	276	99611	1.710	ng		97

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

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