Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
Data File : BE100968.D
Acq On : 24 Dec 2019 11:02
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
mohammad
12/26/2019 4:02:20 PM

Quant Time: Dec 24 14:02:18 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	2437	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	12349	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	7481	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	16533	0.40	ng		0.00
27) Chrysene-d12	21.29	240	17168	0.40	ng		0.00
34) Perylene-d12	23.73	264	20584	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	3046m	0.70	ng		0.00
5) Phenol-d6	6.95	99	4349m	0.82	ng		-0.03
8) Nitrobenzene-d5	8.90	82	4331	0.66	ng		-0.01
11) 2-Methylnaphthalene-d10	12.12	152	13435	0.72	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	1175	0.64	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	20857	0.79	ng		0.00
25) Fluoranthene-d10	19.14	212	152876	0.74	ng		0.00
29) Terphenyl-d14	19.75	244	30408	0.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	5393	0.581	ng		97
3) n-Nitrosodimethylamine	3.65	42	903	0.338	ng	#	55
6) bis(2-Chloroethyl)ether	7.18	93	7486m	1.202	ng		
9) Naphthalene	10.58	128	100106	0.751	ng		99
10) Hexachlorobutadiene	10.86	225	4338	0.761	ng		99
12) 2-Methylnaphthalene	12.19	142	15019m	0.800	ng		
16) Acenaphthylene	14.10	152	20188	0.655	ng		100
17) Acenaphthene	14.44	154	15584	0.743	ng		99
18) Fluorene	15.42	166	19513	0.736	ng		100
20) 4-Bromophenyl-phenylether	16.32	248	5367	0.730	ng		94
21) Hexachlorobenzene	16.42	284	6516	0.777	ng		99
22) Pentachlorophenol	16.80	266	765m	0.617	ng		
23) Phenanthrene	17.16	178	32169	0.746	ng		99
24) Anthracene	17.25	178	30569m	1.056	ng		
26) Fluoranthene	19.17	202	44414	0.742	ng		99
28) Pyrene	19.54	202	46152	0.752	ng		100
30) Benzo(a)anthracene	21.28	228	31557	0.701	ng		98
31) Chrysene	21.33	228	56678m	0.999	ng		
32) Bis(2-ethylhexyl)phthalate	21.21	149	55003	0.388	ng		100
33) Indeno(1,2,3-cd)pyrene	26.29	276	44613	0.752	ng	#	93
35) Benzo(b)fluoranthene	22.98	252	34850	0.763	ng		99
36) Benzo(k)fluoranthene	23.03	252	64008m	1.051	ng		
37) Benzo(a)pyrene	23.62	252	37962	0.730	ng		95
38) Dibenzo(a,h)anthracene	26.31	278	33502	0.765	ng		97
39) Benzo(g,h,i)perylene	27.07	276	42158	0.779	ng		98

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

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