Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100985.D
Acq On : 26 Dec 2019 23:45
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
12/27/2019 4:21:33 PM

Quant Time: Dec 27 03:09:38 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 14:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	3227	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	16581	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	10268	0.40	ng		-0.01
19) Phenanthrene-d10	17.11	188	23599	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	23092	0.40	ng		0.00
34) Perylene-d12	23.72	264	30702	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2594	0.48	ng		0.00
5) Phenol-d6	6.94	99	2281	0.40	ng		-0.04
8) Nitrobenzene-d5	8.90	82	3509	0.49	ng		-0.01
11) 2-Methylnaphthalene-d10	12.12	152	10304	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	933	0.48	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	15296	0.42	ng		0.00
25) Fluoranthene-d10	19.14	212	116572	0.41	ng		0.00
29) Terphenyl-d14	19.75	244	22723	0.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	4135	0.394	ng		99
3) n-Nitrosodimethylamine	3.64	42	1366	0.639	ng	#	93
6) bis(2-Chloroethyl)ether	7.18	93	4902m	0.420	ng		
9) Naphthalene	10.58	128	76166	0.432	ng		99
10) Hexachlorobutadiene	10.86	225	3290	0.422	ng		99
12) 2-Methylnaphthalene	12.20	142	10743	0.402	ng		97
16) Acenaphthylene	14.10	152	15557	0.405	ng		100
17) Acenaphthene	14.44	154	12027	0.431	ng		99
18) Fluorene	15.42	166	15067	0.434	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	4235	0.409	ng		94
21) Hexachlorobenzene	16.42	284	4778	0.390	ng		99
22) Pentachlorophenol	16.77	266	716	0.559	ng		85
23) Phenanthrene	17.15	178	25862	0.425	ng		99
24) Anthracene	17.24	178	24131m	0.392	ng		
26) Fluoranthene	19.17	202	34425	0.415	ng		99
28) Pyrene	19.53	202	35988	0.445	ng		100
30) Benzo(a)anthracene	21.27	228	24734	0.438	ng		99
31) Chrysene	21.33	228	46969m	0.446	ng		
32) Bis(2-ethylhexyl)phthalate	21.21	149	48834	0.487	ng		99
33) Indeno(1,2,3-cd)pyrene	26.28	276	37814	0.477	ng		99
35) Benzo(b)fluoranthene	22.98	252	29363	0.454	ng		99
36) Benzo(k)fluoranthene	23.03	252	50037m	0.408	ng		
37) Benzo(a)pyrene	23.61	252	32035	0.425	ng		96
38) Dibenzo(a,h)anthracene	26.31	278	29241	0.428	ng		96
39) Benzo(g,h,i)perylene	27.05	276	35080	0.436	ng		99

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

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