Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100651.D
Acq On : 15 Oct 2019 16:46
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:00 AM

Quant Time: Oct 15 18:49:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	5104	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	23226	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	14223	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	29808	0.40	ng		0.00
27) Chrysene-d12	21.38	240	31249	0.40	ng		0.01
34) Perylene-d12	23.86	264	35809	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	6643	0.42	ng		0.00
5) Phenol-d6	7.01	99	10673	0.48	ng		0.00
8) Nitrobenzene-d5	8.99	82	8481	0.59	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	14068	0.38	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	2268	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	22271	0.43	ng		0.00
25) Fluoranthene-d10	19.23	212	139041	0.36	ng		0.00
29) Terphenyl-d14	19.83	244	34209	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	2830	0.311	ng	#	100
3) n-Nitrosodimethylamine	3.70	42	3412	0.354	ng	#	92
6) bis(2-Chloroethyl)ether	7.28	93	7065	0.387	ng		97
9) Naphthalene	10.69	128	93622	0.383	ng		100
10) Hexachlorobutadiene	10.99	225	4108	0.387	ng		99
12) 2-Methylnaphthalene	12.31	142	16277	0.391	ng		99
16) Acenaphthylene	14.20	152	24879	0.407	ng		100
17) Acenaphthene	14.54	154	15350	0.388	ng		100
18) Fluorene	15.51	166	20019	0.381	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	6236	0.411	ng		99
21) Hexachlorobenzene	16.53	284	5752	0.398	ng		99
22) Pentachlorophenol	16.87	266	3048	0.655	ng		96
23) Phenanthrene	17.24	178	34412	0.420	ng		99
24) Anthracene	17.34	178	31874	0.419	ng		100
26) Fluoranthene	19.26	202	42786	0.400	ng		100
28) Pyrene	19.62	202	45192	0.518	ng		98
30) Benzo(a)anthracene	21.35	228	43545m	0.427	ng		
31) Chrysene	21.41	228	42499	0.417	ng		96
32) Bis(2-ethylhexyl)phthalate	21.30	149	108683	0.510	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.48	276	46440	0.371	ng		99
35) Benzo(b)fluoranthene	23.10	252	42565	0.408	ng	#	94
36) Benzo(k)fluoranthene	23.15	252	41563	0.387	ng	#	90
37) Benzo(a)pyrene	23.74	252	40312	0.415	ng	#	94
38) Dibenzo(a,h)anthracene	26.51	278	38290	0.381	ng		93
39) Benzo(g,h,i)perylene	27.28	276	36611	0.362	ng		93

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

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