Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
Data File : BE091687.D
Acq On : 20 Apr 2016 16:18
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Manual Integrations APPROVED
Sohil
4/21/2016 10:35:23 AM

Quant Time: Apr 20 17:19:06 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:30:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	31388	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	155147	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	94725	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	223179	5.00	ng		0.00
26) Chrysene-d12	21.31	240	248818	5.00	ng		0.00
35) Perylene-d12	23.75	264	230068	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	22606	3.31	ng		0.00
5) Phenol-d6	6.95	99	31730	3.45	ng		-0.02
8) Nitrobenzene-d5	8.96	82	28489	3.58	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	8966m	4.48	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	84803	3.21	ng		-0.01
29) Terphenyl-d14	19.76	244	133408	3.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	11184	2.76	ng	#	90
3) n-Nitrosodimethylamine	3.64	42	15314	3.40	ng		93
6) bis(2-Chloroethyl)ether	7.23	93	28105	3.32	ng	#	76
9) Nitrobenzene	8.99	77	30890	3.86	ng		95
10) Naphthalene	10.63	128	100843	3.19	ng		97
11) Hexachlorobutadiene	10.92	225	14604m	3.19	ng		
12) 2-Methylnaphthalene	12.24	142	67291	3.34	ng		94
16) Acenaphthylene	14.12	152	127649	3.66	ng	#	86
17) Acenaphthene	14.47	154	76041	3.26	ng		89
18) Fluorene	15.46	166	96392	3.38	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	26597	3.44	ng		97
21) Hexachlorobenzene	16.45	284	27392	3.34	ng		96
22) Pentachlorophenol	16.79	266	11257	4.14	ng		88
23) Phenanthrene	17.19	178	166843	3.29	ng		99
24) Anthracene	17.27	178	157705	3.50	ng		98
25) Fluoranthene	19.19	202	172009	3.41	ng		98
27) Benzidine	19.38	184	54697	3.03	ng	#	76
28) Pyrene	19.55	202	197768	3.98	ng		99
30) Benzo(a)anthracene	21.29	228	205485m	3.56	ng		
31) 3,3'-Dichlorobenzidine	21.22	252	97247	4.30	ng	#	80
32) Chrysene	21.33	228	211799m	3.62	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	45708	4.32	ng	#	57
34) Indeno(1,2,3-cd)pyrene	26.31	276	196984	3.70	ng		97
36) Benzo(b)fluoranthene	23.00	252	181448m	3.58	ng		
37) Benzo(k)fluoranthene	23.04	252	179418	3.34	ng		97
38) Benzo(a)pyrene	23.63	252	163422	3.46	ng		97
39) Dibenzo(a,h)anthracene	26.33	278	163666	3.55	ng		96
40) Benzo(g,h,i)perylene	27.09	276	163977	3.43	ng		96

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

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