Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052316\
Data File : BE091851.D
Acq On : 23 May 2016 17:30
Operator : UM/SJ
Sample : H3156-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MSD

Manual Integrations APPROVED
umangi
5/24/2016 7:35:36 PM

Quant Time: May 24 05:19:33 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	28984	5.00	ng		-0.02
7) Naphthalene-d8	10.55	136	159938	5.00	ng		-0.02
13) Acenaphthene-d10	14.39	164	104212	5.00	ng		-0.03
19) Phenanthrene-d10	17.14	188	276206	5.00	ng		-0.01
26) Chrysene-d12	21.29	240	302213	5.00	ng		-0.02
35) Perylene-d12	23.73	264	263835	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	58564	7.73	ng		0.00
5) Phenol-d6	6.95	99	100711	9.44	ng		0.00
8) Nitrobenzene-d5	8.93	82	50468	4.76	ng		-0.01
14) 2,4,6-Tribromophenol	15.88	330	37172	9.19	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	133225	4.52	ng		-0.01
29) Terphenyl-d14	19.74	244	203864	4.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	11431	3.61	ng		96
3) n-Nitrosodimethylamine	3.61	42	20229	4.37	ng		100
6) bis(2-Chloroethyl)ether	7.20	93	38803	4.53	ng	#	78
9) Nitrobenzene	8.97	77	52381	4.81	ng		92
10) Naphthalene	10.61	128	174758	4.94	ng		97
11) Hexachlorobutadiene	10.90	225	23803	4.54	ng		97
12) 2-Methylnaphthalene	12.21	142	113595	4.77	ng		99
16) Acenaphthylene	14.11	152	207374	4.46	ng	#	85
17) Acenaphthene	14.46	154	142640	5.10	ng		94
18) Fluorene	15.43	166	167384	4.62	ng		98
20) 4-Bromophenyl-phenylether	16.31	248	44168	4.28	ng		94
21) Hexachlorobenzene	16.45	284	44343m	4.13	ng		
22) Pentachlorophenol	16.78	266	46494	10.46	ng	#	85
23) Phenanthrene	17.17	178	676542	12.63	ng		99
24) Anthracene	17.26	178	323709	5.39	ng		96
25) Fluoranthene	19.19	202	1495892	20.38	ng		97
27) Benzidine	19.36	184	20213	1.09	ng	#	82
28) Pyrene	19.55	202	1341379	20.23	ng	#	95
30) Benzo(a)anthracene	21.27	228	983391m	13.49	ng		
31) 3,3'-Dichlorobenzidine	21.22	252	56612	1.22	ng	#	77
32) Chrysene	21.31	228	796121m	12.66	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	164705	4.01	ng	#	83
34) Indeno(1,2,3-cd)pyrene	26.27	276	767594	10.27	ng	#	92
36) Benzo(b)fluoranthene	22.98	252	1253424m	18.99	ng		
37) Benzo(k)fluoranthene	23.02	252	516236m	7.64	ng		
38) Benzo(a)pyrene	23.61	252	865202	13.73	ng		97
39) Dibenzo(a,h)anthracene	26.29	278	355939	5.79	ng		96
40) Benzo(g,h,i)perylene	27.06	276	718170	11.32	ng		96

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

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