Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091638.D
Acq On : 11 Apr 2016 21:10
Operator : UM/SJ
Sample : H2248-01MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TILCONMHDGA005MS

Manual Integrations APPROVED
Sohil
4/12/2016 5:33:14 PM

Quant Time: Apr 12 03:14:56 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	42300	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	206921	5.00	ng		-0.02
13) Acenaphthene-d10	14.42	164	126014	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	304427	5.00	ng		0.00
26) Chrysene-d12	21.31	240	415843	5.00	ng		0.00
35) Perylene-d12	23.76	264	363164	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	61694	6.11	ng		0.00
5) Phenol-d6	6.97	99	96304	7.16	ng		0.00
8) Nitrobenzene-d5	8.96	82	44501	3.70	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	34208	7.43	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	130086	3.71	ng		0.00
29) Terphenyl-d14	19.76	244	204443	3.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	13736	2.93	ng	#	89
3) n-Nitrosodimethylamine	3.65	42	18749	2.89	ng		95
6) bis(2-Chloroethyl)ether	7.23	93	44383m	3.80	ng		
9) Nitrobenzene	8.99	77	48085	3.24	ng		94
10) Naphthalene	10.63	128	151414	3.55	ng		98
11) Hexachlorobutadiene	10.92	225	25158	4.01	ng		99
12) 2-Methylnaphthalene	12.24	142	109102	4.01	ng		98
16) Acenaphthylene	14.14	152	190016	3.89	ng	#	86
17) Acenaphthene	14.47	154	111947	3.62	ng		89
18) Fluorene	15.46	166	149053	3.86	ng		99
20) 4-Bromophenyl-phenylether	16.34	248	42091	3.92	ng		95
21) Hexachlorobenzene	16.46	284	42885m	3.85	ng		
22) Pentachlorophenol	16.79	266	29606	5.17	ng	#	88
23) Phenanthrene	17.19	178	260744	3.75	ng		99
24) Anthracene	17.29	178	252251	4.10	ng		98
25) Fluoranthene	19.20	202	303530	4.13	ng		97
27) Benzidine	19.38	184	8068m	0.52	ng		
28) Pyrene	19.55	202	328215	3.95	ng		99
30) Benzo(a)anthracene	21.29	228	373226m	4.01	ng		
31) 3,3'-Dichlorobenzidine	21.22	252	72553	1.20	ng	#	74
32) Chrysene	21.34	228	317060m	3.76	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	153524	2.48	ng	#	81
34) Indeno(1,2,3-cd)pyrene	26.32	276	370405	3.93	ng		96
36) Benzo(b)fluoranthene	23.00	252	324179	3.84	ng		98
37) Benzo(k)fluoranthene	23.06	252	339276	4.08	ng		97
38) Benzo(a)pyrene	23.65	252	320655	4.09	ng		98
39) Dibenzo(a,h)anthracene	26.34	278	306902	3.98	ng		96
40) Benzo(g,h,i)perylene	27.10	276	314589	3.96	ng		97

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

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