Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
Data File : BM004483.D
Acq On : 29 Feb 2016 22:24
Operator : SJ/UM
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM022916

Manual Integrations APPROVED
UMANGI
3/1/2016 3:04:27 PM

Quant Time: Mar 01 05:58:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 00:52:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	17624	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	70054	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	35673	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	72074	5.00	ng		0.00
26) Chrysene-d12	21.25	240	71482	5.00	ng		0.01
35) Perylene-d12	23.45	264	66081	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	3946	0.96	ng		0.00
5) Phenol-d6	6.81	99	4577	0.99	ng		0.00
8) Nitrobenzene-d5	8.78	82	3447	0.97	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1297	0.95	ng		0.00
15) 2-Fluorobiphenyl	12.89	172	11081	1.01	ng		0.00
29) Terphenyl-d14	19.67	244	9790	1.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1702	0.98	ng		94
3) n-Nitrosodimethylamine	3.43	42	1688	0.94	ng		99
6) bis(2-Chloroethyl)ether	7.04	93	4912	1.00	ng		99
9) Nitrobenzene	8.83	77	4638	0.96	ng		100
10) Naphthalene	10.44	128	19497	0.98	ng		98
11) Hexachlorobutadiene	10.72	225	3193	0.99	ng		99
12) 2-Methylnaphthalene	12.08	142	12168	1.00	ng		96
16) Acenaphthylene	13.97	152	19611	0.96	ng	#	87
17) Acenaphthene	14.33	154	13533	1.01	ng		98
18) Fluorene	15.33	166	16989	1.04	ng		98
20) 4-Bromophenyl-phenylether	16.22	248	4245	1.20	ng	#	91
21) Hexachlorobenzene	16.35	284	5134	1.23	ng	#	100
22) Pentachlorophenol	16.73	266	839m	1.08	ng		
23) Phenanthrene	17.06	178	27770	1.17	ng		99
24) Anthracene	17.16	178	21323	1.00	ng		97
25) Fluoranthene	19.11	202	28730	1.05	ng		100
27) Benzidine	19.31	184	14230	1.55	ng		92
28) Pyrene	19.47	202	30358	1.07	ng		99
30) Benzo(a)anthracene	21.23	228	24620m	0.93	ng		
31) 3,3'-Dichlorobenzidine	21.16	252	23739	1.49	ng		90
32) Chrysene	21.27	228	31924	0.93	ng		91
33) Bis(2-ethylhexyl)phthalate	21.12	149	16732	0.82	ng	#	48
34) Indeno(1,2,3-cd)pyrene	25.69	276	25526	1.04	ng		100
36) Benzo(b)fluoranthene	22.80	252	25406	0.99	ng		99
37) Benzo(k)fluoranthene	22.84	252	23769	0.94	ng		98
38) Benzo(a)pyrene	23.36	252	23413	1.01	ng		99
39) Dibenzo(a,h)anthracene	25.71	278	19783	0.98	ng		100
40) Benzo(g,h,i)perylene	26.38	276	21925	0.99	ng		98

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

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