Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003468.D
Acq On : 11 Dec 2015 00:35
Operator : UM/IZ
Sample : IDOC-S-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-S-03

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:00:49 PM

Quant Time: Dec 11 07:30:01 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	74310	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	333886	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	180799	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	354462	20.00	ng		0.00
75) Chrysene-d12	21.32	240	310959	20.00	ng		0.00
86) Perylene-d12	23.57	264	311256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	628840	150.45	ng		0.00
7) Phenol-d6	6.90	99	846700	145.88	ng		0.00
23) Nitrobenzene-d5	8.88	82	508740	94.47	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	253664	140.49	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	1220860	92.00	ng		0.00
78) Terphenyl-d14	19.76	244	1221755	92.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	54856	31.63	ng	#	100
3) Pyridine	3.60	79	173980	35.81	ng		90
4) n-Nitrosodimethylamine	3.53	42	69579	44.73	ng		85
6) Aniline	7.05	93	238997	31.28	ng		96
8) 2-Chlorophenol	7.29	128	254314	48.05	ng		95
9) Benzaldehyde	6.86	77	105692	37.14	ng		95
10) Phenol	6.92	94	303053	49.21	ng	#	72
11) bis(2-Chloroethyl)ether	7.15	93	211126	42.37	ng		96
12) 1,3-Dichlorobenzene	7.61	146	245762	42.27	ng		97
13) 1,4-Dichlorobenzene	7.76	146	253405	42.27	ng		98
14) 1,2-Dichlorobenzene	8.07	146	245542	42.90	ng		97
15) Benzyl Alcohol	7.96	79	200482	49.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	219614	41.26	ng		91
17) 2-Methylphenol	8.17	107	213437	49.57	ng		97
18) Hexachloroethane	8.80	117	88606	43.02	ng		90
19) n-Nitroso-di-n-propylamine	8.53	70	170269	44.73	ng	#	88
20) 3+4-Methylphenols	8.49	107	290161	48.71	ng		96
22) Acetophenone	8.55	105	350643	42.85	ng	#	89
24) Nitrobenzene	8.92	77	259895	44.64	ng		90
25) Isophorone	9.45	82	482328	44.28	ng		98
26) 2-Nitrophenol	9.63	139	135144	45.89	ng	#	92
27) 2,4-Dimethylphenol	9.69	122	245534	47.88	ng		95
28) bis(2-Chloroethoxy)methane	9.93	93	301844	46.12	ng		99
29) 2,4-Dichlorophenol	10.16	162	245383	50.24	ng		100
30) 1,2,4-Trichlorobenzene	10.37	180	238129	43.67	ng		97
31) Naphthalene	10.56	128	767308	43.92	ng		100
32) Benzoic acid	9.85	122	148770m	46.47	ng		
33) 4-Chloroaniline	10.67	127	70106	9.72	ng		95
34) Hexachlorobutadiene	10.85	225	140202	43.36	ng		99
35) Caprolactam	11.45	113	74087m	45.88	ng		
36) 4-Chloro-3-methylphenol	11.81	107	258101	46.86	ng		91
37) 2-Methylnaphthalene	12.18	142	559262	46.67	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	262073	45.09	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	309286	95.40	ng		98

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Quant Time: Dec 11 07:30:01 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	186734	49.26	ng		99
43) 2,4,5-Trichlorophenol	12.87	196	198710	49.87	ng	#	89
45) 1,1'-Biphenyl	13.20	154	707162	44.11	ng		99
46) 2-Chloronaphthalene	13.25	162	537694	45.66	ng	#	93
47) 2-Nitroaniline	13.45	65	138391	47.38	ng		93
48) Acenaphthylene	14.09	152	890162	45.34	ng		100
49) Dimethylphthalate	13.83	163	673783	45.22	ng		99
50) 2,6-Dinitrotoluene	13.96	165	147395	47.42	ng		91
51) Acenaphthene	14.44	154	511878	44.99	ng		100
52) 3-Nitroaniline	14.28	138	66688	20.96	ng		88
53) 2,4-Dinitrophenol	14.49	184	135012	77.13	ng	#	80
54) Dibenzofuran	14.77	168	806566	49.08	ng		94
55) 4-Nitrophenol	14.60	139	233745	88.98	ng		82
56) 2,4-Dinitrotoluene	14.74	165	196375	48.69	ng	#	72
57) Fluorene	15.43	166	614642	45.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	159226	51.99	ng	#	100
59) Diethylphthalate	15.20	149	661672	45.23	ng		99
60) 4-Chlorophenyl-phenylether	15.42	204	302011	43.84	ng		94
61) 4-Nitroaniline	15.45	138	144478	44.47	ng	#	75
62) Azobenzene	15.71	77	579404	50.53	ng		98
64) 4,6-Dinitro-2-methylphenol	15.51	198	95653	44.73	ng		82
65) n-Nitrosodiphenylamine	15.64	169	548590	48.95	ng		99
66) 4-Bromophenyl-phenylether	16.32	248	178359	46.67	ng	#	86
67) Hexachlorobenzene	16.43	284	195974	47.73	ng	#	82
68) Atrazine	16.59	200	180194	51.56	ng		98
69) Pentachlorophenol	16.77	266	218211	93.09	ng		98
70) Phenanthrene	17.16	178	940078	47.26	ng		99
71) Anthracene	17.26	178	945295	47.83	ng		99
72) Carbazole	17.53	167	835325	48.51	ng		100
73) Di-n-butylphthalate	18.09	149	1014794	50.42	ng		99
74) Fluoranthene	19.19	202	970308	47.30	ng		98
76) Benzidine	19.37	184	383982	38.55	ng		100
77) Pyrene	19.55	202	1004259	46.05	ng		100
79) Butylbenzylphthalate	20.45	149	412621	49.13	ng		95
80) Benzo(a)anthracene	21.30	228	888706	47.67	ng		100
81) 3,3'-Dichlorobenzidine	21.23	252	203414	34.27	ng		99
82) Chrysene	21.35	228	807729	45.02	ng		100
83) Bis(2-ethylhexyl)phthalate	21.23	149	571487	49.62	ng		99
84) Di-n-octyl phthalate	22.11	149	1008525	53.00	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	1034823	54.89	ng	#	100
87) Benzo(b)fluoranthene	22.89	252	930323	49.17	ng		97
88) Benzo(k)fluoranthene	22.93	252	829481	44.91	ng		98
89) Benzo(a)pyrene	23.47	252	876082	49.23	ng	#	98
90) Dibenzo(a,h)anthracene	25.86	278	863025	49.67	ng		99
91) Benzo(g,h,i)perylene	26.55	276	875933	49.90	ng		100

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

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