Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082979.D
Acq On : 17 Nov 2015 21:33
Operator : UM/IZ
Sample : G4426-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1MS

Manual Integrations APPROVED
mohammad
11/19/2015 8:25:19 AM

Quant Time: Nov 18 06:25:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	167005m	20.00	ng		-0.10
21) Naphthalene-d8	8.04	136	626314	20.00	ng		-0.10
38) Acenaphthene-d10	9.80	164	311466	20.00	ng		-0.09
63) Phenanthrene-d10	11.28	188	593109	20.00	ng		-0.10
75) Chrysene-d12	13.91	240	422297	20.00	ng		-0.11
86) Perylene-d12	15.30	264	359463	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1394605	129.93	ng		-0.08
7) Phenol-d6	6.42	99	1933760	135.52	ng		-0.07
23) Nitrobenzene-d5	7.32	82	1157762	80.43	ng		-0.09
41) 2,4,6-Tribromophenol	10.59	330	407224	114.03	ng		-0.09
44) 2-Fluorobiphenyl	9.13	172	1806134	83.11	ng		-0.09
78) Terphenyl-d14	12.86	244	1681844	94.46	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	199912	43.17	ng		95
3) Pyridine	3.02	79	627860	46.72	ng		93
4) n-Nitrosodimethylamine	2.97	42	293507	44.04	ng	#	75
6) Aniline	6.42	93	492926m	24.60	ng		
8) 2-Chlorophenol	6.54	128	496442	41.72	ng	#	79
9) Benzaldehyde	6.29	77	46456m	5.89	ng		
10) Phenol	6.43	94	853016	52.68	ng		84
11) bis(2-Chloroethyl)ether	6.50	93	559023	46.17	ng		89
12) 1,3-Dichlorobenzene	6.69	146	519727m	38.73	ng		
13) 1,4-Dichlorobenzene	6.77	146	566887	40.60	ng		96
14) 1,2-Dichlorobenzene	6.93	146	513490	40.44	ng		95
15) Benzyl Alcohol	6.91	79	541562	43.22	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	844724	47.56	ng		92
17) 2-Methylphenol	7.04	107	479604	47.59	ng		97
18) Hexachloroethane	7.28	117	215807m	43.22	ng		
19) n-Nitroso-di-n-propylamine	7.18	70	465418m	44.37	ng		
20) 3+4-Methylphenols	7.18	107	557810	42.57	ng	#	64
22) Acetophenone	7.17	105	818300	45.60	ng		98
24) Nitrobenzene	7.34	77	705009	47.90	ng		95
25) Isophorone	7.58	82	1156250	43.41	ng		98
26) 2-Nitrophenol	7.66	139	292620	47.63	ng	#	56
27) 2,4-Dimethylphenol	7.71	122	417024	37.77	ng		96
28) bis(2-Chloroethoxy)methane	7.80	93	707090	47.07	ng		98
29) 2,4-Dichlorophenol	7.92	162	451506	45.25	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	451391	40.23	ng		98
31) Naphthalene	8.06	128	1427967	41.32	ng		99
32) Benzoic acid	7.81	122	112740	14.92	ng		96
33) 4-Chloroaniline	8.11	127	176773	11.87	ng		91
34) Hexachlorobutadiene	8.19	225	284868	40.57	ng		100
35) Caprolactam	8.49	113	167393m	53.21	ng		
36) 4-Chloro-3-methylphenol	8.61	107	502912	42.86	ng		91
37) 2-Methylnaphthalene	8.76	142	955542m	42.75	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	395751	38.66	ng		98
40) Hexachlorocyclopentadiene	8.92	237	505395	91.91	ng		97

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Quant Time: Nov 18 06:25:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	317332	41.53	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	353670	46.80	ng	#	82
45) 1,1'-Biphenyl	9.22	154	1056833	39.54	ng		94
46) 2-Chloronaphthalene	9.24	162	839797	40.28	ng		96
47) 2-Nitroaniline	9.34	65	376931	48.74	ng	#	75
48) Acenaphthylene	9.66	152	1415033	43.31	ng		97
49) Dimethylphthalate	9.54	163	1592008	62.39	ng	#	98
50) 2,6-Dinitrotoluene	9.58	165	217476	39.94	ng		90
51) Acenaphthene	9.84	154	977994	47.23	ng		99
52) 3-Nitroaniline	9.76	138	176048	29.40	ng	#	68
53) 2,4-Dinitrophenol	9.86	184	186300	62.32	ng	#	25
54) Dibenzofuran	10.01	168	1320473	47.30	ng	#	87
55) 4-Nitrophenol	9.94	139	373776	81.36	ng		84
56) 2,4-Dinitrotoluene	10.00	165	335049	45.35	ng	#	70
57) Fluorene	10.35	166	980792	43.38	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	256968	41.67	ng	#	88
59) Diethylphthalate	10.24	149	1085750	43.58	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	443710	39.22	ng	#	89
61) 4-Nitroaniline	10.37	138	267869	44.48	ng	#	77
62) Azobenzene	10.50	77	1235483	46.16	ng		93
64) 4,6-Dinitro-2-methylphenol	10.40	198	157520	37.28	ng	#	56
65) n-Nitrosodiphenylamine	10.46	169	914775	42.69	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	304785	42.68	ng	#	91
67) Hexachlorobenzene	10.90	284	326157	40.90	ng	#	61
68) Atrazine	10.99	200	261124	39.41	ng		97
69) Pentachlorophenol	11.09	266	343571	70.95	ng		99
70) Phenanthrene	11.30	178	1308602	37.99	ng		99
71) Anthracene	11.36	178	1540333	42.45	ng		100
72) Carbazole	11.50	167	1323792	41.68	ng		98
73) Di-n-butylphthalate	11.85	149	1470388	37.16	ng		99
74) Fluoranthene	12.49	202	1557511	42.14	ng		99
76) Benzidine	12.61	184	550246	38.88	ng		96
77) Pyrene	12.72	202	1606605	55.40	ng		98
79) Butylbenzylphthalate	13.34	149	735720	57.42	ng	#	82
80) Benzo(a)anthracene	13.89	228	1268790	48.05	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	211083	22.48	ng		98
82) Chrysene	13.94	228	1272664	52.62	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	866457	49.41	ng		99
84) Di-n-octyl phthalate	14.52	149	1427182	48.79	ng		97
85) Indeno(1,2,3-cd)pyrene	16.64	276	947062	45.46	ng	#	96
87) Benzo(b)fluoranthene	14.91	252	959502m	41.58	ng		
88) Benzo(k)fluoranthene	14.95	252	976599m	47.71	ng		
89) Benzo(a)pyrene	15.24	252	888450	44.44	ng	#	97
90) Dibenzo(a,h)anthracene	16.65	278	799173	47.21	ng	#	98
91) Benzo(g,h,i)perylene	17.04	276	799303	49.30	ng		98

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

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