Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082712.D
Acq On : 4 Nov 2015 20:40
Operator : UM/IZ
Sample : G4241-06MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)MS

Manual Integrations APPROVED
Mmdadoda
11/5/2015 2:19:45 PM

Quant Time: Nov 05 06:54:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	156569	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	559256	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	204988	20.00	ng		0.03
63) Phenanthrene-d10	11.46	188	300261	20.00	ng		0.05
75) Chrysene-d12	14.03	240	348966	20.00	ng		-0.02
86) Perylene-d12	15.46	264	365471	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1161247	111.71	ng		0.00
7) Phenol-d6	6.50	99	1735165	125.64	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1193800	87.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.76	330	293188	130.69	ng		0.05
44) 2-Fluorobiphenyl	9.26	172	1419434	98.31	ng		0.01
78) Terphenyl-d14	13.00	244	1098840	68.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	152706	31.78	ng		93
3) Pyridine	3.22	79	494273	35.08	ng		96
4) n-Nitrosodimethylamine	3.15	42	265624	33.49	ng		94
6) Aniline	6.52	93	222250m	11.56	ng		
8) 2-Chlorophenol	6.66	128	443890	39.47	ng		99
9) Benzaldehyde	6.41	77	170207	18.05	ng		91
10) Phenol	6.52	94	610896	39.04	ng		87
11) bis(2-Chloroethyl)ether	6.60	93	457310	39.61	ng		92
12) 1,3-Dichlorobenzene	6.81	146	463282	36.12	ng		95
13) 1,4-Dichlorobenzene	6.89	146	525503	41.31	ng		95
14) 1,2-Dichlorobenzene	7.05	146	447524	37.90	ng		98
15) Benzyl Alcohol	7.01	79	528782	41.06	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	650641	35.46	ng		85
17) 2-Methylphenol	7.13	107	383178	40.07	ng		96
18) Hexachloroethane	7.39	117	222281m	44.78	ng		
19) n-Nitroso-di-n-propylamine	7.29	70	419459m	40.07	ng		
20) 3+4-Methylphenols	7.28	107	497030	39.99	ng	#	78
22) Acetophenone	7.28	105	708420	43.03	ng	#	83
24) Nitrobenzene	7.45	77	555713	40.14	ng	#	87
25) Isophorone	7.69	82	1089289	43.23	ng	#	55
26) 2-Nitrophenol	7.77	139	214481	42.41	ng	#	87
27) 2,4-Dimethylphenol	7.81	122	347558	35.21	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	558042	40.49	ng	#	82
29) 2,4-Dichlorophenol	8.02	162	381775	42.43	ng		88
30) 1,2,4-Trichlorobenzene	8.10	180	392724	39.33	ng		99
31) Naphthalene	8.18	128	1301797	43.02	ng	#	96
32) Benzoic acid	7.92	122	120569m	16.84	ng		
33) 4-Chloroaniline	8.18	127	326880	25.30	ng	#	53
34) Hexachlorobutadiene	8.32	225	247906	39.04	ng		99
35) Caprolactam	8.62	113	570507	206.66	ng	#	1
36) 4-Chloro-3-methylphenol	8.72	107	516961	48.79	ng	#	95
37) 2-Methylnaphthalene	8.89	142	1341363	68.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	323198	47.25	ng	#	87
40) Hexachlorocyclopentadiene	9.06	237	347310	80.76	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	345164m	69.88	ng		
43) 2,4,5-Trichlorophenol	9.21	196	90106m	18.31	ng		
45) 1,1'-Biphenyl	9.37	154	840959	48.57	ng		93
46) 2-Chloronaphthalene	9.39	162	606669	44.87	ng	#	78
47) 2-Nitroaniline	9.47	65	422118	80.32	ng		96
48) Acenaphthylene	9.82	152	968277	44.77	ng	#	77
49) Dimethylphthalate	9.66	163	962073	57.47	ng	#	88
50) 2,6-Dinitrotoluene	9.73	165	105287	30.34	ng	#	81
51) Acenaphthene	10.00	154	605109	44.08	ng	#	91
52) 3-Nitroaniline	9.87	138	253032	65.54	ng	#	66
53) 2,4-Dinitrophenol	10.01	184	93891	53.24	ng	#	1
54) Dibenzofuran	10.18	168	761455	40.87	ng	#	68
55) 4-Nitrophenol	10.03	139	226248m	77.89	ng		
56) 2,4-Dinitrotoluene	10.13	165	163625	34.87	ng	#	79
57) Fluorene	10.52	166	786885	52.37	ng	#	79
58) 2,3,4,6-Tetrachlorophenol	10.25	232	204827	49.25	ng	#	41
59) Diethylphthalate	10.37	149	621111	36.44	ng	#	86
60) 4-Chlorophenyl-phenylether	10.51	204	233792	32.01	ng	#	35
61) 4-Nitroaniline	10.49	138	100518	27.29	ng		87
62) Azobenzene	10.68	77	345181	17.96	ng	#	53
64) 4,6-Dinitro-2-methylphenol	10.56	198	65684	36.27	ng	#	1
65) n-Nitrosodiphenylamine	10.61	169	1652879	160.14	ng	#	84
66) 4-Bromophenyl-phenylether	11.00	248	147806	43.44	ng	#	21
67) Hexachlorobenzene	11.11	284	162300	43.02	ng	#	70
68) Atrazine	11.15	200	213340	63.17	ng	#	41
69) Pentachlorophenol	11.27	266	219604	88.27	ng		99
70) Phenanthrene	11.48	178	1234263m	72.88	ng		
71) Anthracene	11.54	178	889455m	52.16	ng		
72) Carbazole	11.68	167	645684	43.47	ng	#	82
73) Di-n-butylphthalate	12.01	149	830632	43.93	ng		96
74) Fluoranthene	12.66	202	862035	49.79	ng		97
76) Benzidine	12.75	184	152753	9.71	ng	#	64
77) Pyrene	12.88	202	987141	38.20	ng		97
79) Butylbenzylphthalate	13.46	149	455792	40.27	ng		95
80) Benzo(a)anthracene	14.03	228	949365	42.83	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	147264	19.28	ng		98
82) Chrysene	14.07	228	839939	41.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	634332	43.23	ng		98
84) Di-n-octyl phthalate	14.64	149	1101250	48.12	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	985780	59.45	ng		98
87) Benzo(b)fluoranthene	15.05	252	1018254m	40.41	ng		
88) Benzo(k)fluoranthene	15.08	252	634540m	33.05	ng		
89) Benzo(a)pyrene	15.40	252	784234	39.51	ng		99
90) Dibenzo(a,h)anthracene	16.88	278	824530	44.52	ng		100
91) Benzo(g,h,i)perylene	17.29	276	813499	45.33	ng		97

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

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