Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091911.D
Acq On : 23 Dec 2016 7:49
Operator : UM/SJ
Sample : H6182-02MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

Manual Integrations APPROVED
UMANGI
12/23/2016 5:57:31 PM

Quant Time: Dec 23 16:18:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 16:13:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	167350	20.00	ng		0.01
21) Naphthalene-d8	8.08	136	473719	20.00	ng		0.03
38) Acenaphthene-d10	9.82	164	229150	20.00	ng		0.03
63) Phenanthrene-d10	11.28	188	469472	20.00	ng		0.01
75) Chrysene-d12	13.91	240	433505	20.00	ng		0.00
86) Perylene-d12	15.30	264	374662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1697641	169.38	ng		0.06
7) Phenol-d6	6.45	99	2007678	164.07	ng		0.05
23) Nitrobenzene-d5	7.34	82	1216431	142.79	ng		0.02
41) 2,4,6-Tribromophenol	10.60	330	340142	179.36	ng		0.02
44) 2-Fluorobiphenyl	9.16	172	1414920	133.94	ng		0.05
78) Terphenyl-d14	12.85	244	1432020	80.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	245435	49.74	ng	#	93
3) Pyridine	3.04	79	694418	40.32	ng		98
4) n-Nitrosodimethylamine	3.01	42	337116	51.89	ng		90
6) Aniline	6.43	93	225260	14.17	ng	#	78
8) 2-Chlorophenol	6.57	128	563448	49.42	ng		99
9) Benzaldehyde	6.30	77	139967	16.44	ng	#	74
10) Phenol	6.46	94	829723	59.50	ng		83
11) bis(2-Chloroethyl)ether	6.50	93	575925	51.91	ng	#	89
12) 1,3-Dichlorobenzene	6.70	146	569731	46.81	ng	#	91
13) 1,4-Dichlorobenzene	6.78	146	590546	47.67	ng	#	88
14) 1,2-Dichlorobenzene	6.94	146	455762	42.40	ng	#	55
15) Benzyl Alcohol	6.92	79	574305	60.40	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.06	45	663506	40.16	ng	#	1
17) 2-Methylphenol	7.07	107	433327m	47.26	ng		
18) Hexachloroethane	7.36	117	1609429	350.44	ng	#	31
19) n-Nitroso-di-n-propylamine	7.20	70	951965	116.94	ng	#	86
20) 3+4-Methylphenols	7.23	107	557652	50.99	ng	#	75
22) Acetophenone	7.18	105	695778	59.55	ng	#	90
24) Nitrobenzene	7.36	77	836484	92.19	ng	#	90
25) Isophorone	7.61	82	1765463	112.32	ng	#	45
26) 2-Nitrophenol	7.69	139	172781	38.61	ng	#	1
27) 2,4-Dimethylphenol	7.74	122	461672	62.21	ng		90
28) bis(2-Chloroethoxy)methane	7.81	93	500476	52.51	ng	#	2
29) 2,4-Dichlorophenol	7.95	162	426690	67.90	ng	#	73
30) 1,2,4-Trichlorobenzene	8.02	180	368596	53.52	ng	#	92
31) Naphthalene	8.10	128	1507128	69.51	ng	#	83
32) Benzoic acid	7.87	122	75755	13.76	ng	#	6
33) 4-Chloroaniline	8.14	127	156468	16.01	ng	#	30
34) Hexachlorobutadiene	8.22	225	181404	49.90	ng		99
35) Caprolactam	8.53	113	838999	406.26	ng	#	1
36) 4-Chloro-3-methylphenol	8.66	107	377569	52.21	ng		91
37) 2-Methylnaphthalene	8.81	142	955149	64.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	259783	44.87	ng	#	90
40) Hexachlorocyclopentadiene	8.96	237	105657	42.92	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	178140	44.00	ng		90
43) 2,4,5-Trichlorophenol	9.14	196	132412	31.78	ng	#	1
45) 1,1'-Biphenyl	9.26	154	712191	45.39	ng		99
46) 2-Chloronaphthalene	9.29	162	541572	43.59	ng	#	87
47) 2-Nitroaniline	9.37	65	265550	60.02	ng	#	84
48) Acenaphthylene	9.70	152	962523	50.37	ng	#	90
49) Dimethylphthalate	9.55	163	767354	52.36	ng	#	88
50) 2,6-Dinitrotoluene	9.62	165	216144	67.38	ng	#	68
51) Acenaphthene	9.86	154	633225	48.88	ng		92
52) 3-Nitroaniline	9.78	138	207721	52.32	ng	#	86
53) 2,4-Dinitrophenol	9.89	184	5063	2.84	ng	#	1
54) Dibenzofuran	10.03	168	985515	56.33	ng	#	86
55) 4-Nitrophenol	9.97	139	255261	94.70	ng	#	73
56) 2,4-Dinitrotoluene	10.02	165	255393	63.43	ng	#	88
57) Fluorene	10.36	166	927584	72.87	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	149927	45.49	ng	#	68
59) Diethylphthalate	10.24	149	895885	62.94	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	341040	61.19	ng		91
61) 4-Nitroaniline	10.38	138	187383	45.55	ng		96
62) Azobenzene	10.51	77	1083847	69.16	ng		86
64) 4,6-Dinitro-2-methylphenol	10.41	198	24141	8.50	ng	#	1
65) n-Nitrosodiphenylamine	10.46	169	842733	60.49	ng		90
66) 4-Bromophenyl-phenylether	10.83	248	261096	53.46	ng		95
67) Hexachlorobenzene	10.90	284	241671	46.30	ng	#	82
68) Atrazine	10.99	200	245225	54.57	ng		99
69) Pentachlorophenol	11.09	266	191775	74.87	ng		98
70) Phenanthrene	11.30	178	1254421	49.28	ng		98
71) Anthracene	11.36	178	1325767	78.00	ng		99
72) Carbazole	11.52	167	1162932	49.31	ng		99
73) Di-n-butylphthalate	11.85	149	1518251	64.74	ng	#	97
74) Fluoranthene	12.49	202	1257350	57.35	ng		91
76) Benzidine	12.61	184	189997	13.66	ng	#	73
77) Pyrene	12.71	202	1178254	37.04	ng		100
79) Butylbenzylphthalate	13.33	149	731162	50.54	ng		92
80) Benzo(a)anthracene	13.89	228	1138238	46.52	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	166115	17.90	ng		96
82) Chrysene	13.93	228	1006512	41.01	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1002852	58.87	ng	#	98
84) Di-n-octyl phthalate	14.50	149	1734997	54.98	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	757556	35.63	ng		98
87) Benzo(b)fluoranthene	14.91	252	1135679m	48.69	ng		
88) Benzo(k)fluoranthene	14.93	252	1002262m	50.39	ng		
89) Benzo(a)pyrene	15.24	252	1034974	49.99	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	636093	37.38	ng	#	95
91) Benzo(g,h,i)perylene	17.05	276	619856	35.03	ng		99

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

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