Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091286.D
Acq On : 23 Nov 2016 20:30
Operator : UM/SJ
Sample : H5740-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Manual Integrations APPROVED
sohil
11/28/2016 4:52:54 PM

Quant Time: Nov 25 04:41:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 04:24:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	224237	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	910289	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	505799	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	726448	20.00	ng		0.00
75) Chrysene-d12	14.04	240	499907	20.00	ng		0.00
86) Perylene-d12	15.48	264	509437	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1567884	112.34	ng		0.02
7) Phenol-d6	6.51	99	1997550	111.40	ng		0.00
23) Nitrobenzene-d5	7.45	82	1239922	78.42	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	557399	109.28	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2124163	68.76	ng		0.00
78) Terphenyl-d14	12.99	244	1517474	69.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	193675	29.42	ng		87
3) Pyridine	3.30	79	507491	28.68	ng	#	85
4) n-Nitrosodimethylamine	3.24	42	364527	37.63	ng		99
6) Aniline	6.53	93	254141	11.09	ng	#	8
8) 2-Chlorophenol	6.67	128	588118	38.69	ng		97
9) Benzaldehyde	6.42	77	35684	2.66	ng		90
10) Phenol	6.53	94	702392	35.11	ng		89
11) bis(2-Chloroethyl)ether	6.62	93	686993	46.71	ng		86
12) 1,3-Dichlorobenzene	6.82	146	577760m	34.86	ng		
13) 1,4-Dichlorobenzene	6.90	146	617693	36.41	ng		98
14) 1,2-Dichlorobenzene	7.06	146	569988m	35.41	ng		
15) Benzyl Alcohol	7.02	79	563500	40.47	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1130292	35.05	ng		71
17) 2-Methylphenol	7.14	107	495982	41.23	ng	#	75
18) Hexachloroethane	7.40	117	224102	37.10	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	400952	35.65	ng	#	98
20) 3+4-Methylphenols	7.29	107	523223	35.44	ng	#	72
22) Acetophenone	7.30	105	791806	38.55	ng		98
24) Nitrobenzene	7.47	77	611697	36.56	ng	#	70
25) Isophorone	7.71	82	1166798	39.50	ng		96
26) 2-Nitrophenol	7.78	139	262021	39.05	ng		100
27) 2,4-Dimethylphenol	7.82	122	563666	40.02	ng		92
28) bis(2-Chloroethoxy)methane	7.92	93	666626	37.91	ng		99
29) 2,4-Dichlorophenol	8.02	162	446519	35.88	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	540821	37.73	ng		98
31) Naphthalene	8.19	128	1679985	38.37	ng		99
32) Benzoic acid	7.87	122	23309	2.10	ng		97
33) 4-Chloroaniline	8.24	127	283730	14.89	ng	#	93
34) Hexachlorobutadiene	8.32	225	306315	36.14	ng		98
35) Caprolactam	8.60	113	116824	30.45	ng		99
36) 4-Chloro-3-methylphenol	8.72	107	479101	35.82	ng		96
37) 2-Methylnaphthalene	8.88	142	1041284	34.65	ng		92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	485320	35.41	ng		99
40) Hexachlorocyclopentadiene	9.04	237	356646	58.13	ng		99

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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	9.16	196	350925	37.12	ng		93
43) 2,4,5-Trichlorophenol	9.21	196	337538	37.17	ng	#	90
45) 1,1'-Biphenyl	9.34	154	1173527	32.18	ng		97
46) 2-Chloronaphthalene	9.37	162	934846	35.00	ng		98
47) 2-Nitroaniline	9.46	65	327737	36.16	ng	#	74
48) Acenaphthylene	9.79	152	1518999	35.48	ng		99
49) Dimethylphthalate	9.65	163	1333906	42.24	ng		98
50) 2,6-Dinitrotoluene	9.71	165	276557	40.09	ng	#	61
51) Acenaphthene	9.96	154	1018551	34.96	ng		96
52) 3-Nitroaniline	9.87	138	166186	22.41	ng		99
53) 2,4-Dinitrophenol	9.97	184	93666	38.87	ng		94
54) Dibenzofuran	10.13	168	1473384	35.95	ng		91
55) 4-Nitrophenol	10.03	139	379961	71.03	ng		97
56) 2,4-Dinitrotoluene	10.11	165	379059	43.42	ng		97
57) Fluorene	10.48	166	1049172	33.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	293872	36.80	ng		95
59) Diethylphthalate	10.35	149	1167136	36.73	ng		96
60) 4-Chlorophenyl-phenylether	10.46	204	493242	34.14	ng	#	89
61) 4-Nitroaniline	10.49	138	233640	33.76	ng		97
62) Azobenzene	10.62	77	1239139	38.44	ng		92
64) 4,6-Dinitro-2-methylphenol	10.51	198	110924	33.67	ng	#	78
65) n-Nitrosodiphenylamine	10.58	169	879044	39.86	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	339811	42.80	ng	#	81
67) Hexachlorobenzene	11.01	284	324780	37.31	ng	#	78
68) Atrazine	11.12	200	297275	Below Cal			91
69) Pentachlorophenol	11.21	266	350729	68.11	ng		96
70) Phenanthrene	11.44	178	1874006	49.73	ng		99
71) Anthracene	11.48	178	1539125	39.94	ng		99
72) Carbazole	11.63	167	1218421	35.53	ng		99
73) Di-n-butylphthalate	11.97	149	1580145	39.79	ng		99
74) Fluoranthene	12.61	202	1701387	44.38	ng		97
76) Benzidine	12.73	184	129464	13.36	ng	#	88
77) Pyrene	12.84	202	1601958	43.37	ng		98
79) Butylbenzylphthalate	13.47	149	554717	37.53	ng		85
80) Benzo(a)anthracene	14.03	228	1183795	41.72	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	222948	23.83	ng	#	98
82) Chrysene	14.07	228	1104791	41.20	ng		98
83) Bis(2-ethylhexyl)phthalate	14.03	149	663449	36.05	ng	#	96
84) Di-n-octyl phthalate	14.64	149	1122273	38.75	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1129093	48.90	ng		95
87) Benzo(b)fluoranthene	15.07	252	1529992m	47.61	ng		
88) Benzo(k)fluoranthene	15.09	252	834385m	31.79	ng		
89) Benzo(a)pyrene	15.43	252	1170613m	42.82	ng		
90) Dibenzo(a,h)anthracene	16.92	278	918671m	36.40	ng		
91) Benzo(g,h,i)perylene	17.33	276	922688	36.85	ng		96

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

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