Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
Data File : BF091354.D
Acq On : 30 Nov 2016 15:10
Operator : UM/SJ
Sample : H5760-06MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Manual Integrations APPROVED
sohil
12/1/2016 3:27:51 PM

Quant Time: Dec 01 00:27:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	192858	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	762652	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	431864	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	694799	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	415674	20.00	ng		-0.02
86) Perylene-d12	15.44	264	414558	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1361341	115.31	ng		0.02
7) Phenol-d6	6.50	99	1728059	118.91	ng		0.00
23) Nitrobenzene-d5	7.43	82	1205979	88.62	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	575461	140.75	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2415921	101.29	ng		0.00
78) Terphenyl-d14	12.97	244	2095551	109.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	211096	39.53	ng	#	69
3) Pyridine	3.36	79	555388	36.75	ng		88
4) n-Nitrosodimethylamine	3.30	42	371351	46.83	ng		95
6) Aniline	6.53	93	206599	10.70	ng	#	78
8) 2-Chlorophenol	6.65	128	587558	45.39	ng		85
9) Benzaldehyde	6.41	77	73473	7.86	ng		82
10) Phenol	6.52	94	768867	44.96	ng		93
11) bis(2-Chloroethyl)ether	6.61	93	668104	54.68	ng		99
12) 1,3-Dichlorobenzene	6.81	146	618826m	42.98	ng		
13) 1,4-Dichlorobenzene	6.88	146	599284	41.84	ng		96
14) 1,2-Dichlorobenzene	7.04	146	605407	45.38	ng		93
15) Benzyl Alcohol	7.01	79	523420	45.01	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1225316	46.64	ng		72
17) 2-Methylphenol	7.12	107	466335	45.58	ng	#	76
18) Hexachloroethane	7.38	117	235070	46.23	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	465311	50.82	ng	#	85
20) 3+4-Methylphenols	7.28	107	584081	46.76	ng	#	53
22) Acetophenone	7.28	105	817591	45.23	ng	#	85
24) Nitrobenzene	7.45	77	715031	51.32	ng	#	82
25) Isophorone	7.69	82	1235855	51.26	ng		99
26) 2-Nitrophenol	7.76	139	294722	46.42	ng		97
27) 2,4-Dimethylphenol	7.81	122	555071	46.73	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	721776	49.74	ng		100
29) 2,4-Dichlorophenol	8.01	162	514529	49.24	ng		89
30) 1,2,4-Trichlorobenzene	8.09	180	568606	48.54	ng		98
31) Naphthalene	8.17	128	1702607	46.97	ng		100
32) Benzoic acid	7.93	122	354352	40.47	ng		87
33) 4-Chloroaniline	8.23	127	60062	3.88	ng		96
34) Hexachlorobutadiene	8.30	225	337163	46.81	ng		98
35) Caprolactam	8.60	113	141417m	47.09	ng		
36) 4-Chloro-3-methylphenol	8.71	107	560978	49.73	ng		90
37) 2-Methylnaphthalene	8.87	142	1205653	48.96	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	512463	42.09	ng		99
40) Hexachlorocyclopentadiene	9.02	237	528673	93.68	ng		100

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	383734m	48.50	ng		
43) 2,4,5-Trichlorophenol	9.19	196	388765m	49.03	ng		
45) 1,1'-Biphenyl	9.33	154	1331870	42.89	ng		97
46) 2-Chloronaphthalene	9.35	162	1032078	44.63	ng		99
47) 2-Nitroaniline	9.44	65	362370	43.63	ng	#	75
48) Acenaphthylene	9.77	152	1743913	47.90	ng		99
49) Dimethylphthalate	9.64	163	1279844	48.94	ng		97
50) 2,6-Dinitrotoluene	9.69	165	326935	55.94	ng	#	79
51) Acenaphthene	9.94	154	1205023	49.07	ng		95
52) 3-Nitroaniline	9.85	138	72999	10.79	ng		96
53) 2,4-Dinitrophenol	9.96	184	165717	64.84	ng	#	69
54) Dibenzofuran	10.12	168	1653506	50.29	ng		93
55) 4-Nitrophenol	10.02	139	477502	97.73	ng	#	81
56) 2,4-Dinitrotoluene	10.09	165	370539	48.87	ng	#	65
57) Fluorene	10.46	166	1256910	49.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	354354	52.33	ng		95
59) Diethylphthalate	10.33	149	1204792	46.67	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	562502	44.43	ng	#	90
61) 4-Nitroaniline	10.47	138	234724	36.95	ng		88
62) Azobenzene	10.61	77	1399319	53.13	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	153313	40.05	ng	#	31
65) n-Nitrosodiphenylamine	10.56	169	1038499	49.30	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	410325	54.94	ng	#	82
67) Hexachlorobenzene	11.00	284	386230	47.86	ng	#	76
68) Atrazine	11.10	200	373770	54.78	ng		92
69) Pentachlorophenol	11.19	266	402067	84.63	ng		95
70) Phenanthrene	11.41	178	1746297	48.37	ng		99
71) Anthracene	11.46	178	1838716	51.32	ng		100
72) Carbazole	11.61	167	1417178	43.59	ng		99
73) Di-n-butylphthalate	11.96	149	2006777	54.46	ng		99
74) Fluoranthene	12.60	202	1758740	51.43	ng		99
76) Benzidine	12.71	184	187533	15.37	ng		98
77) Pyrene	12.83	202	1805600	57.24	ng		99
79) Butylbenzylphthalate	13.44	149	718295	60.81	ng		86
80) Benzo(a)anthracene	14.00	228	1276760	52.52	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	198918	23.23	ng	#	98
82) Chrysene	14.05	228	1367568	56.86	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	976104	65.19	ng	#	93
84) Di-n-octyl phthalate	14.62	149	1487152	65.64	ng		98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1359609	61.72	ng		95
87) Benzo(b)fluoranthene	15.04	252	1394292m	54.11	ng		
88) Benzo(k)fluoranthene	15.07	252	966123m	44.59	ng		
89) Benzo(a)pyrene	15.39	252	1162036	50.22	ng		98
90) Dibenzo(a,h)anthracene	16.87	278	1128155	52.71	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	1133547	51.37	ng		98

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

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