Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091382.D
Acq On : 1 Dec 2016 19:35
Operator : UM/SJ
Sample : H5801-08MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MSD

Manual Integrations APPROVED
sohil
12/2/2016 4:20:32 PM

Quant Time: Dec 02 00:50:36 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	6.86	152	187269	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	782237	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	443971	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	741473	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	481701	20.00	ng		-0.02
86) Perylene-d12	15.45	264	437673	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	891624	77.78	ng		0.00
7) Phenol-d6	6.49	99	786438	55.73	ng		0.00
23) Nitrobenzene-d5	7.43	82	1285622	92.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	628504	149.53	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2285321	93.20	ng		-0.02
78) Terphenyl-d14	12.97	244	2090002	94.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	101398	19.55	ng	#	84
3) Pyridine	3.25	79	250816	17.09	ng		88
4) n-Nitrosodimethylamine	3.18	42	176798	22.96	ng		99
6) Aniline	6.53	93	333105	17.77	ng	#	66
8) 2-Chlorophenol	6.64	128	488005	38.83	ng	#	74
9) Benzaldehyde	6.40	77	281079	30.97	ng		91
10) Phenol	6.50	94	340515	20.51	ng		91
11) bis(2-Chloroethyl)ether	6.60	93	519312	43.77	ng		96
12) 1,3-Dichlorobenzene	6.80	146	561451	40.16	ng		98
13) 1,4-Dichlorobenzene	6.88	146	592787	42.63	ng		100
14) 1,2-Dichlorobenzene	7.03	146	502173	38.77	ng		99
15) Benzyl Alcohol	7.01	79	417235	36.95	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1101712	43.19	ng		76
17) 2-Methylphenol	7.12	107	372695	37.51	ng	#	76
18) Hexachloroethane	7.37	117	318737	64.55	ng	#	85
19) n-Nitroso-di-n-propylamine	7.28	70	429272	48.29	ng	#	98
20) 3+4-Methylphenols	7.27	107	377158	31.10	ng	#	44
22) Acetophenone	7.27	105	933350	50.34	ng	#	82
24) Nitrobenzene	7.45	77	692772	48.48	ng	#	73
25) Isophorone	7.69	82	1241077	50.19	ng		98
26) 2-Nitrophenol	7.76	139	293685	45.09	ng		97
27) 2,4-Dimethylphenol	7.81	122	550359	45.17	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	705943	47.43	ng		100
29) 2,4-Dichlorophenol	8.00	162	471487	43.99	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	541766	45.09	ng		97
31) Naphthalene	8.17	128	1847625	49.70	ng		99
32) Benzoic acid	7.90	122	140454	15.64	ng		96
33) 4-Chloroaniline	8.22	127	174463	10.98	ng		97
34) Hexachlorobutadiene	8.29	225	288998	39.11	ng		96
35) Caprolactam	8.60	113	31129	10.11	ng	#	87
36) 4-Chloro-3-methylphenol	8.70	107	514106	44.43	ng		91
37) 2-Methylnaphthalene	8.86	142	1169615	46.31	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	561465	44.86	ng		99
40) Hexachlorocyclopentadiene	9.02	237	504319	86.93	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	403660	49.62	ng		96
43) 2,4,5-Trichlorophenol	9.18	196	378512	46.43	ng	#	92
45) 1,1'-Biphenyl	9.33	154	1368631	42.87	ng		97
46) 2-Chloronaphthalene	9.35	162	1019125	42.87	ng		98
47) 2-Nitroaniline	9.44	65	361252	42.31	ng	#	77
48) Acenaphthylene	9.76	152	1629128	43.53	ng		99
49) Dimethylphthalate	9.64	163	1331263	49.52	ng		98
50) 2,6-Dinitrotoluene	9.69	165	322588	53.69	ng	#	79
51) Acenaphthene	9.93	154	1198833	47.49	ng		97
52) 3-Nitroaniline	9.85	138	91685	13.18	ng		99
53) 2,4-Dinitrophenol	9.96	184	247640	94.25	ng	#	74
54) Dibenzofuran	10.12	168	1598864	47.30	ng	#	89
55) 4-Nitrophenol	10.01	139	192699	38.36	ng		99
56) 2,4-Dinitrotoluene	10.09	165	401076	51.46	ng	#	71
57) Fluorene	10.45	166	1166666	44.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	344229	49.45	ng		95
59) Diethylphthalate	10.33	149	1278830	48.19	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	592558	45.53	ng		94
61) 4-Nitroaniline	10.47	138	233133	35.70	ng		89
62) Azobenzene	10.61	77	1437810	53.10	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	184562	45.18	ng		93
65) n-Nitrosodiphenylamine	10.56	169	1035526	46.06	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	411930	51.69	ng	#	78
67) Hexachlorobenzene	11.00	284	378189	43.91	ng	#	77
68) Atrazine	11.10	200	362681	49.81	ng		93
69) Pentachlorophenol	11.19	266	424382	83.71	ng		95
70) Phenanthrene	11.41	178	1678250	43.56	ng		99
71) Anthracene	11.46	178	1853741	48.48	ng		100
72) Carbazole	11.61	167	1413291	40.73	ng		99
73) Di-n-butylphthalate	11.96	149	2005497	51.00	ng		99
74) Fluoranthene	12.60	202	1774721	48.63	ng		99
76) Benzidine	12.71	184	342561	24.22	ng		97
77) Pyrene	12.83	202	1792631	49.04	ng		99
79) Butylbenzylphthalate	13.45	149	765898	55.95	ng	#	81
80) Benzo(a)anthracene	14.01	228	1308058	46.43	ng		98
81) 3,3'-Dichlorobenzidine	13.98	252	287630	28.98	ng	#	98
82) Chrysene	14.05	228	1254020	44.99	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	993109	57.24	ng	#	93
84) Di-n-octyl phthalate	14.62	149	1513992	57.66	ng		98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1283730	50.29	ng		95
87) Benzo(b)fluoranthene	15.04	252	1235823	45.43	ng	#	97
88) Benzo(k)fluoranthene	15.07	252	1082662m	47.33	ng		
89) Benzo(a)pyrene	15.40	252	1126308	46.10	ng	#	95
90) Dibenzo(a,h)anthracene	16.88	278	1067657	47.25	ng	#	92
91) Benzo(g,h,i)perylene	17.28	276	1078988	46.31	ng		99

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

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