Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091057.D
Acq On : 7 Nov 2016 15:51
Operator : UM/SJ
Sample : H5510-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Manual Integrations APPROVED
sohil
11/8/2016 4:31:49 PM

Quant Time: Nov 08 10:20:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 00:06:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	182515	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	783038	20.00	ng		0.00
38) Acenaphthene-d10	9.71	164	397485	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	659851	20.00	ng		0.00
75) Chrysene-d12	13.84	240	510879	20.00	ng		0.01
86) Perylene-d12	15.21	264	392138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1618446	146.45	ng		0.02
7) Phenol-d6	6.34	99	2202813	146.85	ng		0.01
23) Nitrobenzene-d5	7.24	82	1485245	103.47	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	541804	150.77	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	2407576	104.28	ng		0.00
78) Terphenyl-d14	12.79	244	2211509	108.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	213829	33.83	ng		94
3) Pyridine	2.90	79	157688	10.66	ng		98
4) n-Nitrosodimethylamine	2.83	42	260913	44.60	ng		91
6) Aniline	6.34	93	428713	24.23	ng	#	43
8) 2-Chlorophenol	6.46	128	657945	49.91	ng		86
9) Benzaldehyde	6.21	77	98101	11.78	ng		96
10) Phenol	6.35	94	790510	47.62	ng	#	56
11) bis(2-Chloroethyl)ether	6.42	93	683676	48.87	ng		95
12) 1,3-Dichlorobenzene	6.61	146	643188	48.24	ng		100
13) 1,4-Dichlorobenzene	6.69	146	649476	45.40	ng		99
14) 1,2-Dichlorobenzene	6.84	146	610739	46.52	ng		99
15) Benzyl Alcohol	6.83	79	493496	46.64	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.97	45	773565	38.62	ng		98
17) 2-Methylphenol	6.96	107	518695	49.70	ng		97
18) Hexachloroethane	7.18	117	263394	47.58	ng		99
19) n-Nitroso-di-n-propylamine	7.10	70	489719	47.11	ng		95
20) 3+4-Methylphenols	7.10	107	646765	51.62	ng		89
22) Acetophenone	7.09	105	874971	48.53	ng	#	96
24) Nitrobenzene	7.26	77	741857	46.80	ng		97
25) Isophorone	7.50	82	1337733	48.36	ng		100
26) 2-Nitrophenol	7.58	139	356318	53.11	ng	#	71
27) 2,4-Dimethylphenol	7.63	122	533757	48.11	ng		95
28) bis(2-Chloroethoxy)methane	7.72	93	773775	51.21	ng		99
29) 2,4-Dichlorophenol	7.82	162	477240	49.29	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	539663	49.57	ng		100
31) Naphthalene	7.98	128	1853110	49.48	ng		100
32) Benzoic acid	7.72	122	17506	6.88	ng	#	79
33) 4-Chloroaniline	8.04	127	246649	15.84	ng		99
34) Hexachlorobutadiene	8.10	225	281346	47.88	ng		100
35) Caprolactam	8.43	113	153245m	50.37	ng		
36) 4-Chloro-3-methylphenol	8.54	107	627945	53.57	ng		100
37) 2-Methylnaphthalene	8.67	142	1151387	47.83	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	516061	50.92	ng		99
40) Hexachlorocyclopentadiene	8.83	237	485182	119.71	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	364973	55.79	ng		96
43) 2,4,5-Trichlorophenol	9.01	196	365088	53.15	ng		97
45) 1,1'-Biphenyl	9.14	154	1336323	46.04	ng		99
46) 2-Chloronaphthalene	9.16	162	1118780	50.77	ng		98
47) 2-Nitroaniline	9.26	65	401441	49.09	ng		87
48) Acenaphthylene	9.57	152	1648476	48.00	ng		99
49) Dimethylphthalate	9.46	163	1849143	70.95	ng		100
50) 2,6-Dinitrotoluene	9.52	165	292622	52.39	ng		86
51) Acenaphthene	9.74	154	1052228	48.80	ng		100
52) 3-Nitroaniline	9.69	138	216110	32.63	ng	#	78
53) 2,4-Dinitrophenol	9.79	184	127657	44.93	ng	#	50
54) Dibenzofuran	9.93	168	1596438	55.01	ng		92
55) 4-Nitrophenol	9.87	139	441767	98.70	ng	#	81
56) 2,4-Dinitrotoluene	9.93	165	399465	56.21	ng	#	87
57) Fluorene	10.27	166	1222893	51.55	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	276205	51.33	ng		99
59) Diethylphthalate	10.16	149	1361327	50.94	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	558095	51.69	ng	#	88
61) 4-Nitroaniline	10.30	138	324861	48.48	ng		96
62) Azobenzene	10.42	77	1597072	50.77	ng		89
64) 4,6-Dinitro-2-methylphenol	10.34	198	169440	41.93	ng		99
65) n-Nitrosodiphenylamine	10.38	169	1077018	51.35	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	382158	55.68	ng	#	70
67) Hexachlorobenzene	10.81	284	366328	48.39	ng	#	84
68) Atrazine	10.92	200	367622	60.76	ng		96
69) Pentachlorophenol	11.01	266	336795	100.45	ng		99
70) Phenanthrene	11.22	178	1611757	45.95	ng		99
71) Anthracene	11.28	178	1928071	51.70	ng		99
72) Carbazole	11.44	167	1825182	54.31	ng		98
73) Di-n-butylphthalate	11.77	149	1831633	43.34	ng	#	98
74) Fluoranthene	12.41	202	1888911	51.92	ng		91
76) Benzidine	12.53	184	78861	6.91	ng		97
77) Pyrene	12.64	202	1786107	53.38	ng		99
79) Butylbenzylphthalate	13.27	149	900858	56.29	ng	#	75
80) Benzo(a)anthracene	13.81	228	1523223	52.51	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	342516	33.61	ng	#	99
82) Chrysene	13.86	228	1584450	55.40	ng		97
83) Bis(2-ethylhexyl)phthalate	13.83	149	1060980	48.99	ng	#	95
84) Di-n-octyl phthalate	14.43	149	1752711	49.22	ng		98
85) Indeno(1,2,3-cd)pyrene	16.51	276	1198080	50.49	ng		99
87) Benzo(b)fluoranthene	14.83	252	1435456m	53.97	ng		
88) Benzo(k)fluoranthene	14.85	252	1041097m	44.62	ng		
89) Benzo(a)pyrene	15.15	252	1127835	48.71	ng	#	96
90) Dibenzo(a,h)anthracene	16.52	278	1012627	50.59	ng		99
91) Benzo(g,h,i)perylene	16.90	276	949205	52.44	ng		98

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

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