Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091158.D
Acq On : 11 Nov 2016 23:30
Operator : UM/SJ
Sample : H5628-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-COMPMSD

Manual Integrations APPROVED
sohil
11/14/2016 6:36:41 PM

Quant Time: Nov 12 00:56:45 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 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	189454	20.00	ng		-0.01
21) Naphthalene-d8	7.93	136	716782	20.00	ng		-0.02
38) Acenaphthene-d10	9.69	164	379453	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	623853	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	462408	20.00	ng		-0.02
86) Perylene-d12	15.15	264	334790	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1476359	128.70	ng		0.00
7) Phenol-d6	6.32	99	1878737	120.66	ng		0.00
23) Nitrobenzene-d5	7.22	82	1077350	81.99	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	480529	140.08	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1789217	81.18	ng		-0.02
78) Terphenyl-d14	12.74	244	1986497	107.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	213874	32.59	ng		97
3) Pyridine	2.81	79	561913	36.60	ng		96
4) n-Nitrosodimethylamine	2.77	42	276227	45.49	ng		91
6) Aniline	6.32	93	621943	33.86	ng	#	89
8) 2-Chlorophenol	6.44	128	614418	44.90	ng	#	80
9) Benzaldehyde	6.20	77	60546	7.01	ng		99
10) Phenol	6.33	94	987277	57.29	ng	#	60
11) bis(2-Chloroethyl)ether	6.40	93	696739	47.98	ng		90
12) 1,3-Dichlorobenzene	6.58	146	613215m	44.31	ng		
13) 1,4-Dichlorobenzene	6.66	146	629802m	42.41	ng		
14) 1,2-Dichlorobenzene	6.82	146	588208	43.16	ng		97
15) Benzyl Alcohol	6.81	79	483757	44.05	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	610420	29.36	ng	#	17
17) 2-Methylphenol	6.93	107	479242	44.24	ng		97
18) Hexachloroethane	7.15	117	205110	35.69	ng		90
19) n-Nitroso-di-n-propylamine	7.08	70	393810	36.50	ng	#	91
20) 3+4-Methylphenols	7.09	107	579088	44.52	ng		95
22) Acetophenone	7.07	105	758182	45.94	ng	#	91
24) Nitrobenzene	7.24	77	609108	41.97	ng		96
25) Isophorone	7.48	82	1102571	43.55	ng		98
26) 2-Nitrophenol	7.56	139	312529	50.89	ng	#	61
27) 2,4-Dimethylphenol	7.61	122	449438	44.25	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	690475	49.92	ng		100
29) 2,4-Dichlorophenol	7.80	162	451986	50.99	ng		95
30) 1,2,4-Trichlorobenzene	7.88	180	515275	51.70	ng		97
31) Naphthalene	7.95	128	1505187	43.91	ng		99
32) Benzoic acid	7.73	122	69301	12.90	ng		88
33) 4-Chloroaniline	8.02	127	291432	20.44	ng		98
34) Hexachlorobutadiene	8.08	225	290602	54.02	ng		98
35) Caprolactam	8.41	113	148422m	53.30	ng		
36) 4-Chloro-3-methylphenol	8.52	107	508868	47.42	ng		95
37) 2-Methylnaphthalene	8.65	142	1044631	47.40	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	534072	55.20	ng		97
40) Hexachlorocyclopentadiene	8.80	237	387547	101.28	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	313717	50.23	ng		100
43) 2,4,5-Trichlorophenol	8.99	196	332476	50.70	ng	#	92
45) 1,1'-Biphenyl	9.12	154	1324263	47.79	ng		96
46) 2-Chloronaphthalene	9.14	162	1042600	49.56	ng		94
47) 2-Nitroaniline	9.24	65	299654	38.38	ng		93
48) Acenaphthylene	9.55	152	1527698	46.60	ng		99
49) Dimethylphthalate	9.42	163	1280458	51.46	ng		100
50) 2,6-Dinitrotoluene	9.49	165	255506	47.92	ng	#	42
51) Acenaphthene	9.72	154	932174	45.29	ng		100
52) 3-Nitroaniline	9.65	138	185055	29.27	ng		95
53) 2,4-Dinitrophenol	9.77	184	189693	66.46	ng		92
54) Dibenzofuran	9.89	168	1354086	48.88	ng		93
55) 4-Nitrophenol	9.85	139	334863	79.55	ng	#	72
56) 2,4-Dinitrotoluene	9.89	165	326887	48.18	ng		94
57) Fluorene	10.24	166	1075895	47.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	296739	57.76	ng		88
59) Diethylphthalate	10.12	149	1117877	43.82	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	485340	47.09	ng	#	89
61) 4-Nitroaniline	10.27	138	233247	36.46	ng		97
62) Azobenzene	10.38	77	1295779	43.15	ng		91
64) 4,6-Dinitro-2-methylphenol	10.30	198	176264	46.14	ng		94
65) n-Nitrosodiphenylamine	10.35	169	881679	44.46	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	341829	52.68	ng	#	67
67) Hexachlorobenzene	10.77	284	353220	49.35	ng		94
68) Atrazine	10.89	200	324514	56.73	ng		99
69) Pentachlorophenol	10.98	266	337154	106.36	ng		100
70) Phenanthrene	11.18	178	1388051	41.85	ng		100
71) Anthracene	11.24	178	1633147	46.32	ng		100
72) Carbazole	11.40	167	1453170	45.74	ng		98
73) Di-n-butylphthalate	11.73	149	1581836	39.58	ng		99
74) Fluoranthene	12.37	202	1689021	49.11	ng		89
76) Benzidine	12.50	184	583386	56.47	ng		97
77) Pyrene	12.59	202	1504833	49.69	ng		100
79) Butylbenzylphthalate	13.22	149	719385	49.66	ng		98
80) Benzo(a)anthracene	13.78	228	1227031	46.74	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	314000	34.04	ng	#	97
82) Chrysene	13.81	228	1043796	40.32	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	964938	49.22	ng		100
84) Di-n-octyl phthalate	14.40	149	1491422	46.27	ng		97
85) Indeno(1,2,3-cd)pyrene	16.44	276	1136411	52.91	ng		95
87) Benzo(b)fluoranthene	14.79	252	1063854m	46.85	ng		
88) Benzo(k)fluoranthene	14.81	252	860123m	43.18	ng		
89) Benzo(a)pyrene	15.11	252	934023	47.25	ng		99
90) Dibenzo(a,h)anthracene	16.44	278	940583	55.04	ng		99
91) Benzo(g,h,i)perylene	16.82	276	938105	60.70	ng	#	93

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

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