Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
Data File : BF092071.D
Acq On : 3 Jan 2017 20:10
Operator : UM/SJ
Sample : H6322-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP9-COMP9MSD

Manual Integrations APPROVED
Sohil
1/4/2017 2:05:52 PM

Quant Time: Jan 04 01:03:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	195230	20.00	ng		-0.04
21) Naphthalene-d8	7.96	136	755651	20.00	ng		-0.04
38) Acenaphthene-d10	9.72	164	367014	20.00	ng		-0.04
63) Phenanthrene-d10	11.19	188	502016	20.00	ng		-0.04
75) Chrysene-d12	13.83	240	399317	20.00	ng		-0.04
86) Perylene-d12	15.21	264	496505	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1627392	139.18	ng		-0.04
7) Phenol-d6	6.34	99	1969589	137.97	ng		-0.04
23) Nitrobenzene-d5	7.25	82	1438734	105.87	ng		-0.04
41) 2,4,6-Tribromophenol	10.50	330	358599	118.06	ng		-0.04
44) 2-Fluorobiphenyl	9.04	172	1675269	95.05	ng		-0.04
78) Terphenyl-d14	12.78	244	1146723	69.65	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	256158	44.50	ng		99
3) Pyridine	2.85	79	562442	28.00	ng		96
4) n-Nitrosodimethylamine	2.80	42	297248	39.22	ng		97
6) Aniline	6.33	93	411927	22.22	ng	#	61
8) 2-Chlorophenol	6.47	128	660454	49.66	ng		85
9) Benzaldehyde	6.21	77	69061	6.36	ng		83
10) Phenol	6.36	94	960616	59.05	ng	#	75
11) bis(2-Chloroethyl)ether	6.41	93	648595	50.11	ng		98
12) 1,3-Dichlorobenzene	6.61	146	614972m	43.31	ng		
13) 1,4-Dichlorobenzene	6.69	146	640312	44.31	ng		99
14) 1,2-Dichlorobenzene	6.85	146	576733	45.99	ng		95
15) Benzyl Alcohol	6.82	79	532109	47.97	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	857149	44.47	ng	#	46
17) 2-Methylphenol	6.96	107	502451	46.97	ng	#	90
18) Hexachloroethane	7.18	117	240226	44.84	ng	#	88
19) n-Nitroso-di-n-propylamine	7.10	70	470863	49.58	ng		97
20) 3+4-Methylphenols	7.11	107	769185	60.29	ng	#	69
22) Acetophenone	7.09	105	958790	51.44	ng	#	93
24) Nitrobenzene	7.26	77	619715	42.82	ng		98
25) Isophorone	7.50	82	1230626	49.08	ng		94
26) 2-Nitrophenol	7.58	139	350327	49.08	ng		97
27) 2,4-Dimethylphenol	7.64	122	570049	48.15	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	749728	49.31	ng		99
29) 2,4-Dichlorophenol	7.83	162	491505	49.03	ng		91
30) 1,2,4-Trichlorobenzene	7.90	180	484942	44.15	ng	#	95
31) Naphthalene	7.98	128	1597719	46.20	ng		100
32) Benzoic acid	7.64	122	570049	64.92	ng	#	12
33) 4-Chloroaniline	8.05	127	262032	16.80	ng	#	93
34) Hexachlorobutadiene	8.10	225	269717	46.51	ng		98
35) Caprolactam	8.41	113	162024	49.18	ng	#	62
36) 4-Chloro-3-methylphenol	8.54	107	495112	42.92	ng		96
37) 2-Methylnaphthalene	8.68	142	1063819	55.31	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	411426	44.37	ng		98
40) Hexachlorocyclopentadiene	8.82	237	158493	40.45	ng		96

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Quant Time: Jan 04 01:03:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	314942	48.57	ng		98
43) 2,4,5-Trichlorophenol	9.01	196	302534	45.33	ng		95
45) 1,1'-Biphenyl	9.13	154	1186080	47.20	ng		96
46) 2-Chloronaphthalene	9.16	162	885179	44.48	ng		94
47) 2-Nitroaniline	9.27	65	332816	46.97	ng	#	69
48) Acenaphthylene	9.57	152	1349377	44.09	ng		99
49) Dimethylphthalate	9.45	163	1314719	56.01	ng		100
50) 2,6-Dinitrotoluene	9.51	165	251051	48.86	ng	#	84
51) Acenaphthene	9.75	154	843284	40.64	ng		99
52) 3-Nitroaniline	9.68	138	179972	28.31	ng	#	74
53) 2,4-Dinitrophenol	9.78	184	64138	22.44	ng	#	72
54) Dibenzofuran	9.92	168	1210668	43.20	ng		92
55) 4-Nitrophenol	9.86	139	324070	75.07	ng		94
56) 2,4-Dinitrotoluene	9.91	165	269199	41.75	ng	#	77
57) Fluorene	10.26	166	880152	43.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	249838	47.33	ng		96
59) Diethylphthalate	10.15	149	1078462	47.31	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	386234	43.27	ng		99
61) 4-Nitroaniline	10.29	138	213618	32.42	ng		96
62) Azobenzene	10.41	77	1160214	46.22	ng		97
64) 4,6-Dinitro-2-methylphenol	10.32	198	109676	36.13	ng		80
65) n-Nitrosodiphenylamine	10.38	169	855907	57.46	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	271906	52.07	ng	#	85
67) Hexachlorobenzene	10.80	284	249266	44.66	ng	#	78
68) Atrazine	10.92	200	257890	53.67	ng		95
69) Pentachlorophenol	11.01	266	245927	89.79	ng		98
70) Phenanthrene	11.21	178	1156958	42.50	ng		98
71) Anthracene	11.27	178	1264108	58.15	ng		98
72) Carbazole	11.43	167	1080726	51.57	ng		99
73) Di-n-butylphthalate	11.77	149	1379640	54.34	ng	#	97
74) Fluoranthene	12.41	202	1193537	50.44	ng		94
76) Benzidine	12.53	184	286903	25.11	ng		98
77) Pyrene	12.63	202	1129515	38.55	ng		99
79) Butylbenzylphthalate	13.26	149	548790	41.19	ng		100
80) Benzo(a)anthracene	13.82	228	1196872	53.10	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	284400	33.27	ng		98
82) Chrysene	13.85	228	937546	41.47	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	709608	45.22	ng	#	95
84) Di-n-octyl phthalate	14.44	149	1415490	48.69	ng		95
85) Indeno(1,2,3-cd)pyrene	16.52	276	1277587	65.23	ng		98
87) Benzo(b)fluoranthene	14.84	252	1551468m	50.19	ng		
88) Benzo(k)fluoranthene	14.86	252	881473m	33.44	ng		
89) Benzo(a)pyrene	15.16	252	1198688	43.69	ng		98
90) Dibenzo(a,h)anthracene	16.53	278	1031496	45.74	ng		99
91) Benzo(g,h,i)perylene	16.91	276	1069022	45.59	ng	#	94

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

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