Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092194.D
Acq On : 10 Jan 2017 20:49
Operator : UM/SJ
Sample : I1079-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2MS

Quant Time: Jan 11 00:54:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	160713	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	699405	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	371652	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	622829	20.00	ng		0.00
75) Chrysene-d12	13.79	240	346799	20.00	ng		0.00
86) Perylene-d12	15.16	264	335363	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1365176	141.84	ng		0.01
7) Phenol-d6	6.31	99	1631506	138.84	ng		0.00
23) Nitrobenzene-d5	7.20	82	1136463	90.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	419065	136.25	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1991923	114.26	ng		0.00
78) Terphenyl-d14	12.74	244	1843620	128.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	197118	41.60	ng		97
3) Pyridine	2.78	79	271503	16.42	ng		95
4) n-Nitrosodimethylamine	2.72	42	284911	45.67	ng		95
6) Aniline	6.30	93	411019	26.93	ng	#	55
8) 2-Chlorophenol	6.42	128	560080	51.16	ng		97
9) Benzaldehyde	6.17	77	41722	4.56	ng		92
10) Phenol	6.32	94	853606	63.74	ng	#	74
11) bis(2-Chloroethyl)ether	6.38	93	571639	53.65	ng		95
12) 1,3-Dichlorobenzene	6.57	146	567671	48.57	ng		98
13) 1,4-Dichlorobenzene	6.64	146	550645	46.29	ng		99
14) 1,2-Dichlorobenzene	6.80	146	541756	52.48	ng		98
15) Benzyl Alcohol	6.79	79	450735	49.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	780061	49.16	ng		53
17) 2-Methylphenol	6.93	107	456916	51.89	ng	#	91
18) Hexachloroethane	7.13	117	214594	48.66	ng	#	87
19) n-Nitroso-di-n-propylamine	7.06	70	444230	56.82	ng		97
20) 3+4-Methylphenols	7.08	107	658804	62.73	ng	#	70
22) Acetophenone	7.05	105	852683	49.43	ng	#	92
24) Nitrobenzene	7.22	77	677102	50.54	ng		96
25) Isophorone	7.46	82	1156498	49.84	ng		96
26) 2-Nitrophenol	7.54	139	337308	51.06	ng	#	84
27) 2,4-Dimethylphenol	7.60	122	517920	47.27	ng		100
28) bis(2-Chloroethoxy)methane	7.68	93	736003	52.30	ng		100
29) 2,4-Dichlorophenol	7.80	162	476465	51.35	ng		91
30) 1,2,4-Trichlorobenzene	7.86	180	494150	48.60	ng		96
31) Naphthalene	7.94	128	1674454	52.31	ng		99
32) Benzoic acid	7.76	122	218258	26.86	ng		99
33) 4-Chloroaniline	8.00	127	292434	20.26	ng		95
34) Hexachlorobutadiene	8.06	225	267867	49.91	ng		99
35) Caprolactam	8.39	113	160526m	52.65	ng		
36) 4-Chloro-3-methylphenol	8.52	107	511876	47.94	ng		100
37) 2-Methylnaphthalene	8.63	142	1060785	65.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	434595	46.28	ng		98
40) Hexachlorocyclopentadiene	8.79	237	316528	75.91	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	321189	48.91 ng		95
43) 2,4,5-Trichlorophenol	8.98	196	317187	46.93 ng	#	85
45) 1,1'-Biphenyl	9.10	154	1248060	49.04 ng		97
46) 2-Chloronaphthalene	9.12	162	944035	46.84 ng		95
47) 2-Nitroaniline	9.22	65	350788	48.89 ng		98
48) Acenaphthylene	9.53	152	1462964	47.20 ng		99
49) Dimethylphthalate	9.42	163	1462037	61.51 ng		100
50) 2,6-Dinitrotoluene	9.48	165	254733	48.96 ng	#	77
51) Acenaphthene	9.70	154	968658	46.10 ng		98
52) 3-Nitroaniline	9.65	138	204698	31.79 ng	#	73
53) 2,4-Dinitrophenol	9.76	184	217174	75.02 ng	#	67
54) Dibenzofuran	9.88	168	1381201	48.67 ng		97
55) 4-Nitrophenol	9.85	139	457247m	104.59 ng		
56) 2,4-Dinitrotoluene	9.89	165	379781	58.16 ng	#	81
57) Fluorene	10.22	166	1073010	51.98 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	285591	53.43 ng		97
59) Diethylphthalate	10.12	149	1266117	54.85 ng		96
60) 4-Chlorophenyl-phenylether	10.22	204	502660	55.61 ng	#	87
61) 4-Nitroaniline	10.26	138	309492	46.38 ng		97
62) Azobenzene	10.38	77	1440620	56.68 ng		91
64) 4,6-Dinitro-2-methylphenol	10.30	198	190001	50.45 ng		75
65) n-Nitrosodiphenylamine	10.34	169	1059456	57.33 ng		99
66) 4-Bromophenyl-phenylether	10.70	248	305630	47.17 ng		91
67) Hexachlorobenzene	10.77	284	319354	46.12 ng	#	82
68) Atrazine	10.88	200	348013	58.38 ng		97
69) Pentachlorophenol	10.97	266	300239	88.36 ng		98
70) Phenanthrene	11.18	178	1985396	58.79 ng		99
71) Anthracene	11.24	178	1829295	Below Cal		99
72) Carbazole	11.40	167	1635657	Below Cal		99
73) Di-n-butylphthalate	11.73	149	1880080	60.13 ng		99
74) Fluoranthene	12.37	202	2130479	74.40 ng		95
76) Benzidine	12.49	184	118759	9.96 ng		96
77) Pyrene	12.60	202	2041281	80.22 ng		99
79) Butylbenzylphthalate	13.21	149	722253	62.41 ng		96
80) Benzo(a)anthracene	13.77	228	1218991	62.27 ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	310015	41.76 ng	#	94
82) Chrysene	13.82	228	1243507	63.33 ng		100
83) Bis(2-ethylhexyl)phthalate	13.79	149	1036331	76.04 ng	#	96
84) Di-n-octyl phthalate	14.39	149	1591784	63.05 ng		100
85) Indeno(1,2,3-cd)pyrene	16.45	276	1014847	59.66 ng		99
87) Benzo(b)fluoranthene	14.79	252	1341220m	64.24 ng		
88) Benzo(k)fluoranthene	14.81	252	737685m	41.43 ng		
89) Benzo(a)pyrene	15.11	252	981168	52.95 ng	#	96
90) Dibenzo(a,h)anthracene	16.46	278	811928	53.30 ng	#	96
91) Benzo(g,h,i)perylene	16.83	276	898117	56.70 ng		96

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

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