Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091466.D
Acq On : 6 Dec 2016 18:44
Operator : UM/SJ
Sample : H5836-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2MS

Quant Time: Dec 07 00:55:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 00:12:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123873	20.00	ng		0.01
21) Naphthalene-d8	8.13	136	446646	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	256125	20.00	ng		0.01
63) Phenanthrene-d10	11.36	188	374236	20.00	ng		0.00
75) Chrysene-d12	14.00	240	287923	20.00	ng		0.01
86) Perylene-d12	15.43	264	261072	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	898200	118.45	ng		0.01
7) Phenol-d6	6.48	99	1278997	137.02	ng		0.01
23) Nitrobenzene-d5	7.41	82	813286	102.04	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	345959	142.68	ng		0.01
44) 2-Fluorobiphenyl	9.21	172	1498907	105.96	ng		0.01
78) Terphenyl-d14	12.95	244	1082670	81.73	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	133608	38.95	ng	#	81
3) Pyridine	3.21	79	324365	33.41	ng	#	82
4) n-Nitrosodimethylamine	3.17	42	226728	44.51	ng		94
6) Aniline	6.50	93	343988	27.74	ng	#	89
8) 2-Chlorophenol	6.63	128	367782	44.24	ng		85
9) Benzaldehyde	6.38	77	94415	15.73	ng		98
10) Phenol	6.49	94	461843	42.05	ng		80
11) bis(2-Chloroethyl)ether	6.58	93	366313	46.68	ng		100
12) 1,3-Dichlorobenzene	6.78	146	390382m	42.21	ng		
13) 1,4-Dichlorobenzene	6.86	146	388662	42.25	ng		95
14) 1,2-Dichlorobenzene	7.02	146	415498	48.49	ng		95
15) Benzyl Alcohol	6.98	79	358396	47.98	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	731664	43.36	ng		74
17) 2-Methylphenol	7.11	107	313971	47.78	ng	#	77
18) Hexachloroethane	7.36	117	149173	45.67	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	332615	56.56	ng	#	89
20) 3+4-Methylphenols	7.26	107	373638	46.57	ng	#	66
22) Acetophenone	7.26	105	524787	49.57	ng	#	82
24) Nitrobenzene	7.43	77	448649	54.98	ng	#	89
25) Isophorone	7.67	82	770648	54.58	ng	#	96
26) 2-Nitrophenol	7.75	139	191532	51.51	ng	#	77
27) 2,4-Dimethylphenol	7.78	122	328341	47.20	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	465550	54.78	ng		91
29) 2,4-Dichlorophenol	7.99	162	325973	53.27	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	340006	49.56	ng		99
31) Naphthalene	8.15	128	978080	46.08	ng		99
32) Benzoic acid	7.86	122	24135	4.71	ng		92
33) 4-Chloroaniline	8.20	127	176275	19.43	ng	#	94
34) Hexachlorobutadiene	8.28	225	219789	52.10	ng		97
35) Caprolactam	8.56	113	122757m	69.79	ng		
36) 4-Chloro-3-methylphenol	8.69	107	310987	47.07	ng		97
37) 2-Methylnaphthalene	8.85	142	769349	53.35	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	318776	44.15	ng		98
40) Hexachlorocyclopentadiene	9.00	237	258209	77.15	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	232556m	49.56	ng		
43) 2,4,5-Trichlorophenol	9.17	196	236681m	50.33	ng		
45) 1,1'-Biphenyl	9.30	154	786466	42.70	ng		97
46) 2-Chloronaphthalene	9.33	162	615171	44.85	ng		97
47) 2-Nitroaniline	9.43	65	233828	47.47	ng		92
48) Acenaphthylene	9.75	152	991332	45.91	ng		99
49) Dimethylphthalate	9.61	163	975355	62.89	ng		98
50) 2,6-Dinitrotoluene	9.67	165	175276	50.57	ng		91
51) Acenaphthene	9.92	154	658158	45.19	ng		96
52) 3-Nitroaniline	9.83	138	124288	30.98	ng	#	81
53) 2,4-Dinitrophenol	9.93	184	26660	17.59	ng	#	70
54) Dibenzofuran	10.09	168	934887	47.95	ng	#	89
55) 4-Nitrophenol	10.00	139	222247	76.69	ng		93
56) 2,4-Dinitrotoluene	10.07	165	227600	50.62	ng	#	76
57) Fluorene	10.42	166	656111	43.83	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	193432	48.17	ng		95
59) Diethylphthalate	10.31	149	752449	49.15	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	355973	47.41	ng		92
61) 4-Nitroaniline	10.45	138	144595	38.38	ng		83
62) Azobenzene	10.58	77	761010	48.72	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	44505	21.59	ng		88
65) n-Nitrosodiphenylamine	10.54	169	563110	49.63	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	220390	54.79	ng	#	76
67) Hexachlorobenzene	10.97	284	202580	46.61	ng	#	80
68) Atrazine	11.08	200	198281	53.96	ng		91
69) Pentachlorophenol	11.17	266	211734	82.74	ng		96
70) Phenanthrene	11.38	178	867361	44.60	ng		99
71) Anthracene	11.44	178	1009220	52.29	ng		98
72) Carbazole	11.59	167	753717	43.04	ng		98
73) Di-n-butylphthalate	11.93	149	993262	50.04	ng		99
74) Fluoranthene	12.57	202	927475	50.35	ng		98
76) Benzidine	12.69	184	251264	29.73	ng	#	96
77) Pyrene	12.80	202	1005262	46.01	ng		99
79) Butylbenzylphthalate	13.42	149	335676	41.03	ng	#	81
80) Benzo(a)anthracene	13.99	228	764234	45.39	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	157584	26.57	ng	#	97
82) Chrysene	14.03	228	713744m	42.84	ng		
83) Bis(2-ethylhexyl)phthalate	13.99	149	478816	46.17	ng	#	93
84) Di-n-octyl phthalate	14.60	149	777512	49.54	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	620890	40.69	ng	#	90
87) Benzo(b)fluoranthene	15.02	252	974923m	60.08	ng		
88) Benzo(k)fluoranthene	15.05	252	528481m	38.73	ng		
89) Benzo(a)pyrene	15.37	252	686857	47.13	ng	#	97
90) Dibenzo(a,h)anthracene	16.85	278	511306	37.93	ng	#	92
91) Benzo(g,h,i)perylene	17.25	276	502616	36.17	ng	#	95

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

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