Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091467.D
Acq On : 6 Dec 2016 19:12
Operator : UM/SJ
Sample : H5836-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2MSD

Quant Time: Dec 07 00:58:59 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	132275m	20.00	ng		0.01
21) Naphthalene-d8	8.13	136	495450	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	266656	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	398916	20.00	ng		0.00
75) Chrysene-d12	13.99	240	304468	20.00	ng		0.00
86) Perylene-d12	15.42	264	301701	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	577084	71.27	ng		0.00
7) Phenol-d6	6.48	99	778190	78.07	ng		0.01
23) Nitrobenzene-d5	7.41	82	524148	59.29	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	174853	69.26	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	809467	54.96	ng		0.00
78) Terphenyl-d14	12.94	244	582577	41.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	69992	19.11	ng	#	78
3) Pyridine	3.20	79	195429	18.85	ng	#	76
4) n-Nitrosodimethylamine	3.14	42	136536	25.10	ng		91
6) Aniline	6.50	93	208784m	15.77	ng		
8) 2-Chlorophenol	6.63	128	224763	25.32	ng		99
9) Benzaldehyde	6.38	77	53470m	8.34	ng		
10) Phenol	6.49	94	325943	27.79	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	201176	24.01	ng		91
12) 1,3-Dichlorobenzene	6.78	146	229264m	23.22	ng		
13) 1,4-Dichlorobenzene	6.86	146	242115m	24.65	ng		
14) 1,2-Dichlorobenzene	7.02	146	225800	24.68	ng		93
15) Benzyl Alcohol	6.98	79	236659	29.67	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	415506	23.06	ng		73
17) 2-Methylphenol	7.10	107	174008m	24.80	ng		
18) Hexachloroethane	7.36	117	86762	24.88	ng		89
19) n-Nitroso-di-n-propylamine	7.26	70	181061m	28.83	ng		
20) 3+4-Methylphenols	7.25	107	234361m	27.36	ng		
22) Acetophenone	7.25	105	318898	27.16	ng	#	77
24) Nitrobenzene	7.42	77	228340	25.23	ng		93
25) Isophorone	7.67	82	467307	29.84	ng	#	90
26) 2-Nitrophenol	7.74	139	104576	25.35	ng	#	85
27) 2,4-Dimethylphenol	7.78	122	216201	28.02	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	250040	26.52	ng		91
29) 2,4-Dichlorophenol	7.99	162	188766	27.81	ng		92
30) 1,2,4-Trichlorobenzene	8.07	180	208229	27.36	ng		98
31) Naphthalene	8.15	128	622647	26.44	ng		100
32) Benzoic acid	7.84	122	14403	2.53	ng	#	85
33) 4-Chloroaniline	8.20	127	154318	15.33	ng		95
34) Hexachlorobutadiene	8.28	225	130450	27.88	ng		99
35) Caprolactam	8.56	113	90737	46.51	ng	#	68
36) 4-Chloro-3-methylphenol	8.68	107	186933	25.51	ng		96
37) 2-Methylnaphthalene	8.85	142	413445	25.84	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	206989	27.54	ng		98
40) Hexachlorocyclopentadiene	9.00	237	126579	36.33	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	140335m	28.72	ng		
43) 2,4,5-Trichlorophenol	9.16	196	124139m	25.36	ng		
45) 1,1'-Biphenyl	9.30	154	543147	28.33	ng		95
46) 2-Chloronaphthalene	9.33	162	379865	26.60	ng		99
47) 2-Nitroaniline	9.42	65	137945	26.90	ng	#	76
48) Acenaphthylene	9.74	152	548364	24.39	ng		98
49) Dimethylphthalate	9.60	163	576079	35.68	ng		98
50) 2,6-Dinitrotoluene	9.66	165	93297	25.85	ng		87
51) Acenaphthene	9.91	154	353077	23.29	ng		96
52) 3-Nitroaniline	9.83	138	97247	23.28	ng		100
53) 2,4-Dinitrophenol	9.93	184	11966	7.58	ng		87
54) Dibenzofuran	10.08	168	511655	25.20	ng		98
55) 4-Nitrophenol	9.99	139	120830	40.05	ng		96
56) 2,4-Dinitrotoluene	10.06	165	114356	24.43	ng	#	56
57) Fluorene	10.42	166	406829	26.10	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	100118	23.95	ng		96
59) Diethylphthalate	10.30	149	422362	26.50	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	200265	25.62	ng		98
61) 4-Nitroaniline	10.44	138	78690	20.06	ng		83
62) Azobenzene	10.57	77	413706	25.44	ng		81
64) 4,6-Dinitro-2-methylphenol	10.47	198	20145	9.17	ng	#	52
65) n-Nitrosodiphenylamine	10.54	169	379141	31.35	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	116845	27.25	ng		98
67) Hexachlorobenzene	10.97	284	124267	26.82	ng	#	91
68) Atrazine	11.06	200	109403	27.93	ng		97
69) Pentachlorophenol	11.17	266	126736	46.46	ng		95
70) Phenanthrene	11.38	178	590611	28.49	ng		99
71) Anthracene	11.43	178	523016	25.42	ng		99
72) Carbazole	11.59	167	489944	26.25	ng		98
73) Di-n-butylphthalate	11.93	149	540336	25.54	ng	#	98
74) Fluoranthene	12.57	202	591011	30.10	ng		96
76) Benzidine	12.69	184	174269	19.50	ng		98
77) Pyrene	12.80	202	594238	25.72	ng		99
79) Butylbenzylphthalate	13.42	149	218343	25.24	ng		88
80) Benzo(a)anthracene	13.98	228	547325	30.74	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	116908	18.64	ng	#	96
82) Chrysene	14.03	228	498104	28.27	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	297202	27.10	ng	#	89
84) Di-n-octyl phthalate	14.60	149	536365	32.32	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.81	276	403675	25.02	ng	#	91
87) Benzo(b)fluoranthene	15.02	252	600338m	32.01	ng		
88) Benzo(k)fluoranthene	15.04	252	370294m	23.48	ng		
89) Benzo(a)pyrene	15.36	252	463348	27.51	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	320354	20.57	ng	#	92
91) Benzo(g,h,i)perylene	17.23	276	321732	20.03	ng		97

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

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