Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091699.D
Acq On : 17 Dec 2016 4:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 17 05:14:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	228268	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	1105387	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	489206	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	690248	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	536876	20.00	ng		-0.01
86) Perylene-d12	15.33	264	457767	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	954197	70.42	ng		0.00
7) Phenol-d6	6.43	99	1646862	97.50	ng		0.00
23) Nitrobenzene-d5	7.34	82	1595838	80.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	275397	67.78	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	2532838	89.46	ng		0.00
78) Terphenyl-d14	12.88	244	1672023	70.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	358616	50.15	ng	#	84
3) Pyridine	3.00	79	980299	51.45	ng	#	83
4) n-Nitrosodimethylamine	2.97	42	419942	51.30	ng	#	56
6) Aniline	6.44	93	782197	35.32	ng	#	70
8) 2-Chlorophenol	6.57	128	736880	48.18	ng		99
9) Benzaldehyde	6.32	77	501371	43.13	ng		91
10) Phenol	6.44	94	798125	40.41	ng		79
11) bis(2-Chloroethyl)ether	6.52	93	580553	39.13	ng		85
12) 1,3-Dichlorobenzene	6.72	146	721204	43.49	ng	#	96
13) 1,4-Dichlorobenzene	6.80	146	781957	47.80	ng		97
14) 1,2-Dichlorobenzene	6.96	146	711682m	48.28	ng		
15) Benzyl Alcohol	6.93	79	630368	47.27	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1197389	52.08	ng		86
17) 2-Methylphenol	7.05	107	625360	49.42	ng	#	76
18) Hexachloroethane	7.29	117	263187	41.23	ng	#	80
19) n-Nitroso-di-n-propylamine	7.21	70	577294	54.66	ng	#	75
20) 3+4-Methylphenols	7.21	107	776906	57.74	ng		87
22) Acetophenone	7.20	105	1082338	40.87	ng	#	95
24) Nitrobenzene	7.37	77	908013	43.39	ng	#	88
25) Isophorone	7.61	82	1405482	39.92	ng		99
26) 2-Nitrophenol	7.69	139	371451	40.22	ng	#	65
27) 2,4-Dimethylphenol	7.73	122	705245	43.48	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	948231	45.92	ng		97
29) 2,4-Dichlorophenol	7.93	162	565650	40.08	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	643499	40.12	ng		99
31) Naphthalene	8.09	128	2055896	39.97	ng		99
32) Benzoic acid	7.85	122	334834	30.73	ng		90
33) 4-Chloroaniline	8.14	127	939778	42.41	ng	#	92
34) Hexachlorobutadiene	8.21	225	375663	40.85	ng		99
35) Caprolactam	8.51	113	142968	34.69	ng	#	64
36) 4-Chloro-3-methylphenol	8.62	107	551073	34.82	ng		96
37) 2-Methylnaphthalene	8.78	142	1339540	40.24	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	553959	41.29	ng		99
40) Hexachlorocyclopentadiene	8.93	237	50395	8.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	347266	40.28	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	357812	40.39	ng		96
45) 1,1'-Biphenyl	9.24	154	1459702	41.20	ng		98
46) 2-Chloronaphthalene	9.26	162	1091168	39.77	ng		98
47) 2-Nitroaniline	9.37	65	443416	48.06	ng		90
48) Acenaphthylene	9.68	152	1641356	39.24	ng		99
49) Dimethylphthalate	9.55	163	1467362	47.37	ng		99
50) 2,6-Dinitrotoluene	9.61	165	282290	41.52	ng		89
51) Acenaphthene	9.85	154	1056417	36.36	ng		98
52) 3-Nitroaniline	9.78	138	389114	48.72	ng		90
53) 2,4-Dinitrophenol	9.88	184	11851	6.74	ng	#	81
54) Dibenzofuran	10.02	168	1392243	38.73	ng		99
55) 4-Nitrophenol	9.94	139	186120	31.32	ng		94
56) 2,4-Dinitrotoluene	10.01	165	326779	38.35	ng	#	71
57) Fluorene	10.36	166	970273	36.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	258596	37.28	ng		95
59) Diethylphthalate	10.25	149	1372558	46.02	ng		95
60) 4-Chlorophenyl-phenylether	10.36	204	525352	40.65	ng		94
61) 4-Nitroaniline	10.38	138	316127	39.83	ng		95
62) Azobenzene	10.52	77	1328315	39.30	ng		94
64) 4,6-Dinitro-2-methylphenol	10.42	198	24569	8.45	ng	#	43
65) n-Nitrosodiphenylamine	10.48	169	896244	43.55	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	314969	44.51	ng		92
67) Hexachlorobenzene	10.91	284	308309	41.90	ng	#	80
68) Atrazine	11.00	200	225164	34.03	ng		99
69) Pentachlorophenol	11.10	266	159137	38.43	ng		98
70) Phenanthrene	11.32	178	1474645	43.14	ng		100
71) Anthracene	11.37	178	1425130	38.65	ng		99
72) Carbazole	11.53	167	1267254	39.21	ng		99
73) Di-n-butylphthalate	11.87	149	1810186	48.08	ng		99
74) Fluoranthene	12.51	202	1511155	42.22	ng		97
76) Benzidine	12.62	184	523561	31.54	ng		99
77) Pyrene	12.73	202	1474298	34.61	ng		99
79) Butylbenzylphthalate	13.36	149	701075	42.22	ng		94
80) Benzo(a)anthracene	13.92	228	1247643	40.02	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	501389	44.78	ng	#	96
82) Chrysene	13.95	228	1262520	38.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	868536	40.77	ng		97
84) Di-n-octyl phthalate	14.53	149	1783236	49.32	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.68	276	978942	33.35	ng		99
87) Benzo(b)fluoranthene	14.93	252	1132701m	41.51	ng		
88) Benzo(k)fluoranthene	14.97	252	1101773m	45.92	ng		
89) Benzo(a)pyrene	15.28	252	1051448	42.77	ng	#	97
90) Dibenzo(a,h)anthracene	16.69	278	832117	37.78	ng		99
91) Benzo(g,h,i)perylene	17.08	276	820600	36.61	ng	#	94

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

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