Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092174.D
Acq On : 10 Jan 2017 11:45
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 10 14:45:14 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	280363	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	1162848	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	590896	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	952588	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	684740	20.00	ng		0.00
86) Perylene-d12	15.16	264	550095	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1211357	72.14	ng		0.00
7) Phenol-d6	6.31	99	1682208	82.06	ng		0.00
23) Nitrobenzene-d5	7.20	82	1705122	81.54	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	416475	85.17	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	2694003	94.92	ng		0.00
78) Terphenyl-d14	12.73	244	2246248	79.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	292621	35.40	ng		99
3) Pyridine	2.74	79	932491	32.32	ng		98
4) n-Nitrosodimethylamine	2.72	42	386371	35.50	ng		97
6) Aniline	6.29	93	1144880	43.00	ng	#	45
8) 2-Chlorophenol	6.42	128	781535	40.92	ng		93
9) Benzaldehyde	6.17	77	488119	42.82	ng		98
10) Phenol	6.32	94	1102939	47.21	ng	#	68
11) bis(2-Chloroethyl)ether	6.38	93	802226	43.16	ng		92
12) 1,3-Dichlorobenzene	6.56	146	823634	40.40	ng	#	91
13) 1,4-Dichlorobenzene	6.64	146	787667	37.95	ng		100
14) 1,2-Dichlorobenzene	6.80	146	746839	41.47	ng		99
15) Benzyl Alcohol	6.79	79	587410	36.88	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1154278	41.70	ng		60
17) 2-Methylphenol	6.93	107	626520	40.79	ng		94
18) Hexachloroethane	7.13	117	309204	40.19	ng	#	85
19) n-Nitroso-di-n-propylamine	7.06	70	549510	40.29	ng		97
20) 3+4-Methylphenols	7.08	107	848035	46.29	ng	#	71
22) Acetophenone	7.05	105	1154523	40.25	ng	#	92
24) Nitrobenzene	7.22	77	858490	38.54	ng		97
25) Isophorone	7.46	82	1553746	40.27	ng		96
26) 2-Nitrophenol	7.54	139	480247	43.72	ng	#	82
27) 2,4-Dimethylphenol	7.60	122	693300	38.06	ng		98
28) bis(2-Chloroethoxy)methane	7.68	93	914834	39.10	ng		100
29) 2,4-Dichlorophenol	7.80	162	619367	40.15	ng		90
30) 1,2,4-Trichlorobenzene	7.86	180	663077	39.22	ng		96
31) Naphthalene	7.94	128	2278166	42.81	ng		99
32) Benzoic acid	7.78	122	468848	34.70	ng		98
33) 4-Chloroaniline	8.00	127	963378	40.14	ng		99
34) Hexachlorobutadiene	8.06	225	360097	40.36	ng		100
35) Caprolactam	8.40	113	203314	40.11	ng	#	70
36) 4-Chloro-3-methylphenol	8.52	107	743649	41.89	ng		90
37) 2-Methylnaphthalene	8.63	142	1308100	38.55	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	580202	38.86	ng		98
40) Hexachlorocyclopentadiene	8.79	237	211968	34.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	427114	40.91	ng		97
43) 2,4,5-Trichlorophenol	8.97	196	407209	37.90	ng		97
45) 1,1'-Biphenyl	9.10	154	1579314	39.03	ng		97
46) 2-Chloronaphthalene	9.12	162	1246462	38.90	ng		96
47) 2-Nitroaniline	9.22	65	441225	38.68	ng		96
48) Acenaphthylene	9.53	152	1851306	37.57	ng		99
49) Dimethylphthalate	9.42	163	1637080	43.32	ng		100
50) 2,6-Dinitrotoluene	9.48	165	342560	41.41	ng	#	82
51) Acenaphthene	9.70	154	1168798	34.99	ng		99
52) 3-Nitroaniline	9.65	138	482475	47.13	ng		91
53) 2,4-Dinitrophenol	9.76	184	211945	46.05	ng	#	92
54) Dibenzofuran	9.88	168	1585692	35.15	ng		100
55) 4-Nitrophenol	9.84	139	280103m	40.30	ng		
56) 2,4-Dinitrotoluene	9.88	165	378628	36.47	ng	#	68
57) Fluorene	10.22	166	1225093	37.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	340514	40.07	ng		95
59) Diethylphthalate	10.10	149	1438985	39.21	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	605984	42.16	ng	#	80
61) 4-Nitroaniline	10.26	138	470173	44.32	ng		84
62) Azobenzene	10.38	77	1709913	42.31	ng		87
64) 4,6-Dinitro-2-methylphenol	10.30	198	291545	50.61	ng		94
65) n-Nitrosodiphenylamine	10.34	169	1250226	44.23	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	382953	38.65	ng		97
67) Hexachlorobenzene	10.77	284	398697	37.64	ng	#	89
68) Atrazine	10.87	200	287967	31.58	ng		97
69) Pentachlorophenol	10.97	266	193480	37.23	ng		99
70) Phenanthrene	11.18	178	2150979	41.64	ng		99
71) Anthracene	11.22	178	1812956	37.39	ng		99
72) Carbazole	11.38	167	1794367	40.31	ng		99
73) Di-n-butylphthalate	11.73	149	2381488	49.02	ng	#	98
74) Fluoranthene	12.36	202	1911727	41.92	ng		99
76) Benzidine	12.48	184	810032	46.94	ng		98
77) Pyrene	12.58	202	1908884	38.00	ng		100
79) Butylbenzylphthalate	13.21	149	1044578	45.72	ng		100
80) Benzo(a)anthracene	13.77	228	1728259	44.71	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	757803	51.70	ng	#	94
82) Chrysene	13.82	228	1834609	47.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1191505	44.28	ng		100
84) Di-n-octyl phthalate	14.39	149	1739807	34.90	ng		98
85) Indeno(1,2,3-cd)pyrene	16.44	276	1189087	35.40	ng		99
87) Benzo(b)fluoranthene	14.78	252	1307492m	38.18	ng		
88) Benzo(k)fluoranthene	14.81	252	1316463m	45.08	ng		
89) Benzo(a)pyrene	15.10	252	1250870	41.15	ng		99
90) Dibenzo(a,h)anthracene	16.45	278	999290	40.00	ng		98
91) Benzo(g,h,i)perylene	16.83	276	1019694	39.25	ng		99

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

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