Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111416\
Data File : BF091162.D
Acq On : 14 Nov 2016 14:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 15 00:24:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	213064	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	877427	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	467263	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	776697	20.00	ng		-0.02
75) Chrysene-d12	13.79	240	598376	20.00	ng		-0.02
86) Perylene-d12	15.15	264	507062	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1047593	81.20	ng		-0.02
7) Phenol-d6	6.29	99	1261371	72.03	ng		-0.02
23) Nitrobenzene-d5	7.22	82	1260449	78.36	ng		-0.02
41) 2,4,6-Tribromophenol	10.46	330	340476	80.60	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	2057346	75.80	ng		-0.03
78) Terphenyl-d14	12.74	244	2037911	84.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	251445	34.07	ng		95
3) Pyridine	2.74	79	620359	35.93	ng		95
4) n-Nitrosodimethylamine	2.70	42	216135	31.65	ng		84
6) Aniline	6.30	93	787248	38.12	ng		87
8) 2-Chlorophenol	6.42	128	588723	38.26	ng		98
9) Benzaldehyde	6.18	77	342919	35.28	ng		100
10) Phenol	6.30	94	649049	33.49	ng		100
11) bis(2-Chloroethyl)ether	6.38	93	632044	38.70	ng		89
12) 1,3-Dichlorobenzene	6.58	146	621818	39.95	ng		98
13) 1,4-Dichlorobenzene	6.66	146	632277	37.86	ng		99
14) 1,2-Dichlorobenzene	6.81	146	617930	40.32	ng		99
15) Benzyl Alcohol	6.80	79	441597	35.75	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.92	45	756318	32.34	ng	#	25
17) 2-Methylphenol	6.92	107	474495	38.95	ng		95
18) Hexachloroethane	7.15	117	245798	38.03	ng	#	88
19) n-Nitroso-di-n-propylamine	7.07	70	433817	35.75	ng		93
20) 3+4-Methylphenols	7.08	107	609295	41.66	ng		97
22) Acetophenone	7.06	105	775495	38.39	ng	#	95
24) Nitrobenzene	7.23	77	665251	37.45	ng		97
25) Isophorone	7.47	82	1170482	37.76	ng		97
26) 2-Nitrophenol	7.55	139	338670	45.05	ng	#	74
27) 2,4-Dimethylphenol	7.61	122	486659	39.14	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	645596	38.13	ng		99
29) 2,4-Dichlorophenol	7.80	162	446061	41.11	ng		92
30) 1,2,4-Trichlorobenzene	7.87	180	514006	42.13	ng		99
31) Naphthalene	7.95	128	1737464	41.41	ng		99
32) Benzoic acid	7.77	122	356336	37.93	ng		99
33) 4-Chloroaniline	8.01	127	716331	41.05	ng		95
34) Hexachlorobutadiene	8.06	225	278256	42.26	ng		100
35) Caprolactam	8.40	113	135371	39.71	ng		93
36) 4-Chloro-3-methylphenol	8.51	107	534946	40.73	ng		93
37) 2-Methylnaphthalene	8.64	142	1011971	37.51	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	528606	44.37	ng		99
40) Hexachlorocyclopentadiene	8.80	237	140572	34.68	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	313792	40.80	ng		99
43) 2,4,5-Trichlorophenol	8.97	196	335554	41.56	ng	#	87
45) 1,1'-Biphenyl	9.10	154	1331319	39.02	ng		99
46) 2-Chloronaphthalene	9.13	162	1045294	40.35	ng		99
47) 2-Nitroaniline	9.23	65	346775	36.07	ng		92
48) Acenaphthylene	9.54	152	1561134	38.67	ng		100
49) Dimethylphthalate	9.41	163	1209587	39.48	ng		100
50) 2,6-Dinitrotoluene	9.48	165	314699	47.93	ng	#	62
51) Acenaphthene	9.71	154	976922	38.55	ng		99
52) 3-Nitroaniline	9.65	138	338416	43.46	ng	#	75
53) 2,4-Dinitrophenol	9.76	184	188057	54.72	ng	#	69
54) Dibenzofuran	9.88	168	1329026	38.96	ng		97
55) 4-Nitrophenol	9.82	139	156741	33.79	ng		88
56) 2,4-Dinitrotoluene	9.88	165	328777	39.35	ng	#	81
57) Fluorene	10.22	166	1179364	42.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	286154	45.24	ng		97
59) Diethylphthalate	10.11	149	1211875	38.58	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	501782	39.54	ng	#	75
61) 4-Nitroaniline	10.27	138	334425	42.45	ng		89
62) Azobenzene	10.37	77	1303987	35.26	ng		85
64) 4,6-Dinitro-2-methylphenol	10.29	198	213120	44.81	ng	#	65
65) n-Nitrosodiphenylamine	10.34	169	919793	37.26	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	352459	43.63	ng	#	82
67) Hexachlorobenzene	10.77	284	405658	45.53	ng	#	81
68) Atrazine	10.88	200	297050	41.71	ng		98
69) Pentachlorophenol	10.97	266	155100	39.30	ng		98
70) Phenanthrene	11.17	178	1588449	38.47	ng		99
71) Anthracene	11.23	178	1706879	38.88	ng		99
72) Carbazole	11.39	167	1520850	38.45	ng		99
73) Di-n-butylphthalate	11.72	149	1845232	37.09	ng	#	98
74) Fluoranthene	12.36	202	1782901	41.64	ng		93
76) Benzidine	12.49	184	618271	46.25	ng		98
77) Pyrene	12.59	202	1776598	45.34	ng		99
79) Butylbenzylphthalate	13.22	149	905645	48.31	ng	#	74
80) Benzo(a)anthracene	13.77	228	1400879	41.23	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	579651	48.56	ng	#	98
82) Chrysene	13.81	228	1540081	45.97	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1011144	39.86	ng	#	94
84) Di-n-octyl phthalate	14.39	149	1630235	39.09	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.43	276	1130022	40.65	ng		95
87) Benzo(b)fluoranthene	14.77	252	1214014m	35.30	ng		
88) Benzo(k)fluoranthene	14.81	252	1389422m	46.06	ng		
89) Benzo(a)pyrene	15.09	252	1155156	38.58	ng	#	97
90) Dibenzo(a,h)anthracene	16.43	278	986710	38.12	ng		99
91) Benzo(g,h,i)perylene	16.81	276	910998	38.92	ng	#	91

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

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