Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091916\
Data File : BF090121.D
Acq On : 19 Sep 2016 14:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Quant Time: Sep 19 16:06:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	220589	20.00	ng		-0.01
21) Naphthalene-d8	7.83	136	885107	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	428671	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	730598	20.00	ng		-0.01
75) Chrysene-d12	13.66	240	544554	20.00	ng		-0.01
86) Perylene-d12	14.98	264	472706	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	1039116	75.76	ng		-0.02
7) Phenol-d6	6.19	99	1374593	76.55	ng		-0.01
23) Nitrobenzene-d5	7.12	82	1293588	82.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	338459	78.60	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1916265	70.20	ng		-0.01
78) Terphenyl-d14	12.63	244	1635065	71.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	277128	38.70	ng		97
3) Pyridine	2.54	79	662381	36.75	ng		99
4) n-Nitrosodimethylamine	2.50	42	231463	40.38	ng		94
6) Aniline	6.20	93	859981	38.59	ng		90
8) 2-Chlorophenol	6.32	128	599966	37.97	ng		96
9) Benzaldehyde	6.08	77	391595	40.92	ng		95
10) Phenol	6.22	94	741409	36.79	ng	#	63
11) bis(2-Chloroethyl)ether	6.28	93	613181	37.94	ng		98
12) 1,3-Dichlorobenzene	6.48	146	656553	40.39	ng		97
13) 1,4-Dichlorobenzene	6.56	146	670139	39.93	ng		98
14) 1,2-Dichlorobenzene	6.71	146	524249m	34.38	ng		
15) Benzyl Alcohol	6.70	79	375607	37.14	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.83	45	738306	38.54	ng		99
17) 2-Methylphenol	6.82	107	499905	38.68	ng		97
18) Hexachloroethane	7.05	117	232052	38.11	ng		92
19) n-Nitroso-di-n-propylamine	6.98	70	407941	36.56	ng		99
20) 3+4-Methylphenols	6.98	107	607681	38.73	ng		97
22) Acetophenone	6.97	105	870253	40.62	ng		98
24) Nitrobenzene	7.13	77	588647	35.50	ng		98
25) Isophorone	7.38	82	1297685	39.37	ng		99
26) 2-Nitrophenol	7.45	139	357408	44.45	ng		94
27) 2,4-Dimethylphenol	7.51	122	573575	40.54	ng		100
28) bis(2-Chloroethoxy)methane	7.60	93	761481	39.38	ng		100
29) 2,4-Dichlorophenol	7.70	162	519289	41.56	ng		98
30) 1,2,4-Trichlorobenzene	7.77	180	458423	37.19	ng		99
31) Naphthalene	7.85	128	1649485	37.91	ng		99
32) Benzoic acid	7.68	122	470939	41.45	ng		97
33) 4-Chloroaniline	7.91	127	704830	38.07	ng		99
34) Hexachlorobutadiene	7.98	225	250470	39.68	ng		99
35) Caprolactam	8.31	113	171565	41.11	ng		98
36) 4-Chloro-3-methylphenol	8.41	107	617900	42.59	ng		90
37) 2-Methylnaphthalene	8.54	142	960272	35.59	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	403806	36.63	ng		99
40) Hexachlorocyclopentadiene	8.70	237	221941	38.74	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	312206	39.08	ng		99
43) 2,4,5-Trichlorophenol	8.87	196	339834	39.54	ng		97
45) 1,1'-Biphenyl	9.00	154	1165981	33.24	ng		99
46) 2-Chloronaphthalene	9.03	162	987859	38.01	ng		100
47) 2-Nitroaniline	9.13	65	355666	42.86	ng		95
48) Acenaphthylene	9.44	152	1676486	38.41	ng		100
49) Dimethylphthalate	9.32	163	1245878	39.13	ng		99
50) 2,6-Dinitrotoluene	9.38	165	293050	41.19	ng	#	58
51) Acenaphthene	9.61	154	947464	38.86	ng		99
52) 3-Nitroaniline	9.54	138	331027	38.24	ng		93
53) 2,4-Dinitrophenol	9.64	184	151672	39.21	ng	#	88
54) Dibenzofuran	9.78	168	1268068	37.61	ng		100
55) 4-Nitrophenol	9.71	139	223104	36.62	ng		83
56) 2,4-Dinitrotoluene	9.77	165	314871	36.30	ng		96
57) Fluorene	10.11	166	908543	34.26	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	241385	36.83	ng		98
59) Diethylphthalate	10.01	149	1111283	36.05	ng		100
60) 4-Chlorophenyl-phenylether	10.11	204	355686	33.18	ng		100
61) 4-Nitroaniline	10.16	138	365496	41.71	ng		95
62) Azobenzene	10.27	77	1153005	35.64	ng		99
64) 4,6-Dinitro-2-methylphenol	10.18	198	193473	39.28	ng	#	70
65) n-Nitrosodiphenylamine	10.24	169	850991	36.76	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	288911	41.02	ng		96
67) Hexachlorobenzene	10.66	284	329660	39.72	ng		99
68) Atrazine	10.78	200	286207	41.61	ng		98
69) Pentachlorophenol	10.86	266	218159	44.87	ng		99
70) Phenanthrene	11.06	178	1323548	37.49	ng		99
71) Anthracene	11.12	178	1467521	38.07	ng		99
72) Carbazole	11.28	167	1567790	39.65	ng		99
73) Di-n-butylphthalate	11.62	149	1592970	35.92	ng		100
74) Fluoranthene	12.24	202	1335479	36.10	ng		100
76) Benzidine	12.38	184	912458	41.08	ng		97
77) Pyrene	12.47	202	1514037	38.10	ng		100
79) Butylbenzylphthalate	13.11	149	819002	41.38	ng		99
80) Benzo(a)anthracene	13.65	228	1212405	38.14	ng		99
81) 3,3'-Dichlorobenzidine	13.62	252	520328	39.05	ng		99
82) Chrysene	13.68	228	1037835	34.81	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	879714	35.94	ng		99
84) Di-n-octyl phthalate	14.27	149	1546529	35.34	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	932098	35.98	ng		98
87) Benzo(b)fluoranthene	14.64	252	1286253m	46.42	ng		
88) Benzo(k)fluoranthene	14.66	252	804670m	32.25	ng		
89) Benzo(a)pyrene	14.94	252	971475	39.09	ng		98
90) Dibenzo(a,h)anthracene	16.18	278	760228	39.06	ng		97
91) Benzo(g,h,i)perylene	16.51	276	773912	41.67	ng		97

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

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