Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091849.D
Acq On : 21 Dec 2016 22:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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12/22/2016 7:08:58 PM

Quant Time: Dec 22 03:33:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	299920	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	1172892	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	619839	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	944755	20.00	ng		0.00
75) Chrysene-d12	13.91	240	744707	20.00	ng		0.00
86) Perylene-d12	15.30	264	618223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1582238	88.09	ng		0.00
7) Phenol-d6	6.40	99	1694265	77.26	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1558386	73.88	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	383680	74.80	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	2356114	76.61	ng		0.00
78) Terphenyl-d14	12.85	244	2012665	65.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	399267	45.15	ng		98
3) Pyridine	2.98	79	1134639	36.76	ng		96
4) n-Nitrosodimethylamine	2.94	42	447145	38.41	ng		99
6) Aniline	6.41	93	1068115	37.50	ng	#	77
8) 2-Chlorophenol	6.53	128	748783	36.65	ng		98
9) Benzaldehyde	6.29	77	489096	38.58	ng		99
10) Phenol	6.42	94	925820	37.05	ng		98
11) bis(2-Chloroethyl)ether	6.49	93	732432	36.84	ng		98
12) 1,3-Dichlorobenzene	6.69	146	833783	38.23	ng		99
13) 1,4-Dichlorobenzene	6.76	146	816064	36.76	ng		99
14) 1,2-Dichlorobenzene	6.92	146	762448	39.58	ng		100
15) Benzyl Alcohol	6.90	79	603476	35.42	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1086017	36.68	ng		98
17) 2-Methylphenol	7.02	107	656837	39.97	ng		97
18) Hexachloroethane	7.26	117	317839	38.62	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	529455	36.29	ng		99
20) 3+4-Methylphenols	7.17	107	729397	37.22	ng	#	82
22) Acetophenone	7.17	105	1125536	38.91	ng	#	98
24) Nitrobenzene	7.34	77	884913	39.39	ng	#	81
25) Isophorone	7.58	82	1507944	38.75	ng		99
26) 2-Nitrophenol	7.65	139	407750	36.80	ng		97
27) 2,4-Dimethylphenol	7.70	122	678760	36.94	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	870821	36.90	ng		100
29) 2,4-Dichlorophenol	7.90	162	632331	40.64	ng		94
30) 1,2,4-Trichlorobenzene	7.98	180	680805	39.93	ng		98
31) Naphthalene	8.06	128	2151220	40.07	ng		99
32) Benzoic acid	7.85	122	518483	38.04	ng		99
33) 4-Chloroaniline	8.11	127	877977	36.27	ng		99
34) Hexachlorobutadiene	8.18	225	365224	40.58	ng		99
35) Caprolactam	8.50	113	203970	39.89	ng	#	74
36) 4-Chloro-3-methylphenol	8.60	107	630952	35.24	ng		98
37) 2-Methylnaphthalene	8.75	142	1359814	40.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	607931	38.82	ng		99
40) Hexachlorocyclopentadiene	8.90	237	240747	36.78	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	422705	38.60	ng		100
43) 2,4,5-Trichlorophenol	9.07	196	419101	37.18	ng		95
45) 1,1'-Biphenyl	9.22	154	1771097	41.73	ng		99
46) 2-Chloronaphthalene	9.24	162	1325881	39.45	ng		99
47) 2-Nitroaniline	9.33	65	420037	35.10	ng		97
48) Acenaphthylene	9.65	152	2039127	39.45	ng		99
49) Dimethylphthalate	9.53	163	1577032	39.78	ng		100
50) 2,6-Dinitrotoluene	9.58	165	367608	42.37	ng		97
51) Acenaphthene	9.82	154	1306191	37.27	ng		100
52) 3-Nitroaniline	9.76	138	430132	40.06	ng	#	69
53) 2,4-Dinitrophenol	9.86	184	197523	40.91	ng	#	91
54) Dibenzofuran	10.00	168	1739254	36.75	ng		98
55) 4-Nitrophenol	9.93	139	310605	42.60	ng	#	72
56) 2,4-Dinitrotoluene	9.98	165	419355	38.51	ng		95
57) Fluorene	10.34	166	1376758	39.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	328572	36.86	ng		97
59) Diethylphthalate	10.21	149	1351506	35.10	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	537332	35.64	ng		98
61) 4-Nitroaniline	10.36	138	383573	34.47	ng		98
62) Azobenzene	10.49	77	1538870	36.30	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	281125	49.21	ng		90
65) n-Nitrosodiphenylamine	10.45	169	1208065	43.09	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	400569	40.76	ng		92
67) Hexachlorobenzene	10.89	284	432609	41.18	ng	#	87
68) Atrazine	10.98	200	295607	32.69	ng		97
69) Pentachlorophenol	11.08	266	223532	43.37	ng		99
70) Phenanthrene	11.30	178	1972076	38.50	ng		98
71) Anthracene	11.34	178	1901742	40.45	ng		100
72) Carbazole	11.50	167	1942959	46.97	ng		99
73) Di-n-butylphthalate	11.84	149	1977031	40.30	ng		99
74) Fluoranthene	12.48	202	1871934	41.34	ng		98
76) Benzidine	12.60	184	756626	38.59	ng		99
77) Pyrene	12.70	202	2013566	36.85	ng		100
79) Butylbenzylphthalate	13.33	149	926212	37.27	ng	#	79
80) Benzo(a)anthracene	13.89	228	1448982	34.47	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	588259	36.90	ng	#	97
82) Chrysene	13.93	228	1470723	34.88	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1071038	36.60	ng	#	96
84) Di-n-octyl phthalate	14.50	149	1897966	35.01	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1290263	35.32	ng		99
87) Benzo(b)fluoranthene	14.91	252	1700608m	44.18	ng		
88) Benzo(k)fluoranthene	14.93	252	1079385m	32.89	ng		
89) Benzo(a)pyrene	15.24	252	1320131	38.64	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	1078101	38.39	ng		100
91) Benzo(g,h,i)perylene	17.04	276	1101682	37.73	ng		97

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

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