Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
Data File : BF089892.D
Acq On : 25 Aug 2016 00:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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8/25/2016 6:49:51 PM

Quant Time: Aug 25 15:33:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	519995	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	1994927	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	980959	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1778529	20.00	ng		0.00
75) Chrysene-d12	13.83	240	1231537	20.00	ng		-0.05
86) Perylene-d12	15.27	264	1047406	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	2405258	79.32	ng		-0.02
7) Phenol-d6	6.31	99	3010237	80.87	ng		-0.01
23) Nitrobenzene-d5	7.24	82	2681072	83.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	743354	79.74	ng		-0.01
44) 2-Fluorobiphenyl	9.04	172	3765644	67.47	ng		-0.01
78) Terphenyl-d14	12.78	244	3692478	67.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	579703	38.63	ng		96
3) Pyridine	2.74	79	1602142	40.71	ng		95
4) n-Nitrosodimethylamine	2.72	42	642070	43.82	ng	#	85
6) Aniline	6.33	93	1938896	38.83	ng	#	78
8) 2-Chlorophenol	6.46	128	1473993	40.65	ng	#	78
9) Benzaldehyde	6.20	77	860711	35.50	ng		92
10) Phenol	6.33	94	1646531	37.74	ng	#	74
11) bis(2-Chloroethyl)ether	6.41	93	1260667	37.27	ng		98
12) 1,3-Dichlorobenzene	6.60	146	1481194	39.07	ng		99
13) 1,4-Dichlorobenzene	6.68	146	1467652	37.66	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1576136	43.33	ng		98
15) Benzyl Alcohol	6.82	79	1030964	41.77	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1645697	38.01	ng		92
17) 2-Methylphenol	6.94	107	1103825	38.87	ng		96
18) Hexachloroethane	7.19	117	587645	42.28	ng		97
19) n-Nitroso-di-n-propylamine	7.11	70	943009	39.61	ng	#	79
20) 3+4-Methylphenols	7.10	107	1383233	39.72	ng	#	56
22) Acetophenone	7.08	105	1718840	37.52	ng	#	88
24) Nitrobenzene	7.26	77	1268203	35.20	ng		99
25) Isophorone	7.51	82	2583711	39.89	ng	#	89
26) 2-Nitrophenol	7.58	139	839861	46.72	ng		93
27) 2,4-Dimethylphenol	7.62	122	1253740	38.70	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	1756009	43.82	ng	#	95
29) 2,4-Dichlorophenol	7.82	162	1107612	40.75	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	1207714	40.17	ng		99
31) Naphthalene	7.98	128	3449110	36.99	ng		98
32) Benzoic acid	7.76	122	940420	37.25	ng		89
33) 4-Chloroaniline	8.03	127	1787250	44.22	ng	#	94
34) Hexachlorobutadiene	8.10	225	599874	38.10	ng		100
35) Caprolactam	8.42	113	354031	42.77	ng		100
36) 4-Chloro-3-methylphenol	8.52	107	1248994	42.42	ng		91
37) 2-Methylnaphthalene	8.67	142	2676151	44.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	1188061	37.40	ng	#	96
40) Hexachlorocyclopentadiene	8.83	237	495139	44.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	769303	38.50	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	834786	42.00	ng	#	92
45) 1,1'-Biphenyl	9.14	154	3206701	42.24	ng		94
46) 2-Chloronaphthalene	9.15	162	2292274	38.20	ng		99
47) 2-Nitroaniline	9.26	65	777451	45.42	ng	#	84
48) Acenaphthylene	9.56	152	3666666	40.66	ng		99
49) Dimethylphthalate	9.45	163	2907620	42.10	ng		99
50) 2,6-Dinitrotoluene	9.51	165	686134	43.03	ng	#	68
51) Acenaphthene	9.75	154	2584879	43.31	ng		99
52) 3-Nitroaniline	9.67	138	755188	42.75	ng		92
53) 2,4-Dinitrophenol	9.77	184	264054	37.29	ng	#	74
54) Dibenzofuran	9.92	168	3054009	40.74	ng	#	87
55) 4-Nitrophenol	9.83	139	561651	38.95	ng		93
56) 2,4-Dinitrotoluene	9.90	165	790164	38.19	ng	#	66
57) Fluorene	10.25	166	2325464	38.93	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	612787	42.36	ng		98
59) Diethylphthalate	10.15	149	2771153	39.49	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	998641	36.65	ng		93
61) 4-Nitroaniline	10.28	138	828657	50.03	ng		92
62) Azobenzene	10.41	77	2483132	37.64	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	407309	39.85	ng		88
65) n-Nitrosodiphenylamine	10.38	169	2373285	42.44	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	749946	40.22	ng	#	84
67) Hexachlorobenzene	10.80	284	774048	36.39	ng	#	83
68) Atrazine	10.90	200	642357	37.51	ng		96
69) Pentachlorophenol	10.99	266	502275	41.66	ng		97
70) Phenanthrene	11.21	178	3489200	38.84	ng		96
71) Anthracene	11.26	178	3697957	40.50	ng		99
72) Carbazole	11.42	167	3169562	38.70	ng		98
73) Di-n-butylphthalate	11.77	149	4398637	42.93	ng	#	98
74) Fluoranthene	12.39	202	3291988	38.53	ng		93
76) Benzidine	12.51	184	1730626	43.42	ng		98
77) Pyrene	12.62	202	3464723	34.55	ng		96
79) Butylbenzylphthalate	13.26	149	1810940	39.98	ng		89
80) Benzo(a)anthracene	13.82	228	2908948	41.25	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	1207879	52.24	ng	#	96
82) Chrysene	13.86	228	2822145	46.67	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	2577517	41.31	ng	#	100
84) Di-n-octyl phthalate	14.49	149	4258552	51.36	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.55	276	2785645	36.11	ng		99
87) Benzo(b)fluoranthene	14.89	252	2397946	41.62	ng		97
88) Benzo(k)fluoranthene	14.93	252	2421933m	46.33	ng		
89) Benzo(a)pyrene	15.21	252	2275244	41.72	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	2268865	38.33	ng		97
91) Benzo(g,h,i)perylene	16.94	276	2394519	38.41	ng		99

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

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