Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087974.D
Acq On : 13 Jun 2016 3:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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6/13/2016 7:51:26 PM

Quant Time: Jun 13 16:26:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 05:09:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	125838	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	518539	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	234015	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	440043	20.00	ng		0.00
75) Chrysene-d12	13.95	240	256223	20.00	ng		-0.01
86) Perylene-d12	15.37	264	260907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	575978	78.25	ng		0.00
7) Phenol-d6	6.44	99	730262	81.86	ng		0.00
23) Nitrobenzene-d5	7.37	82	631516	71.12	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	162131	65.62	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	1233596	82.66	ng		0.00
78) Terphenyl-d14	12.91	244	1035242	91.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	143359	40.08	ng	#	36
3) Pyridine	3.05	79	334296	39.58	ng		95
4) n-Nitrosodimethylamine	3.00	42	142480	39.84	ng		89
6) Aniline	6.47	93	480973	37.88	ng		100
8) 2-Chlorophenol	6.58	128	323140	37.09	ng		98
9) Benzaldehyde	6.34	77	147400	21.93	ng		93
10) Phenol	6.46	94	449275	49.00	ng		84
11) bis(2-Chloroethyl)ether	6.54	93	319584	40.86	ng		93
12) 1,3-Dichlorobenzene	6.74	146	368997	39.47	ng		96
13) 1,4-Dichlorobenzene	6.82	146	378722	40.22	ng		97
14) 1,2-Dichlorobenzene	6.97	146	306714m	35.81	ng		
15) Benzyl Alcohol	6.95	79	228585	32.75	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	387336	36.65	ng		93
17) 2-Methylphenol	7.06	107	276688	39.16	ng		99
18) Hexachloroethane	7.31	117	126261	37.79	ng	#	86
19) n-Nitroso-di-n-propylamine	7.23	70	229938	40.29	ng	#	81
20) 3+4-Methylphenols	7.22	107	287676	34.89	ng	#	84
22) Acetophenone	7.22	105	437719	37.77	ng	#	92
24) Nitrobenzene	7.39	77	369642	42.97	ng		97
25) Isophorone	7.63	82	620890	37.75	ng		99
26) 2-Nitrophenol	7.70	139	176209	38.24	ng		97
27) 2,4-Dimethylphenol	7.75	122	299870	35.35	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	424284	41.59	ng		98
29) 2,4-Dichlorophenol	7.95	162	289585	40.88	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	284351	36.87	ng		100
31) Naphthalene	8.11	128	948448	36.96	ng		100
32) Benzoic acid	7.88	122	205925	44.08	ng		94
33) 4-Chloroaniline	8.17	127	440005m	38.40	ng		
34) Hexachlorobutadiene	8.24	225	151232	37.18	ng		99
35) Caprolactam	8.55	113	93163	39.71	ng	#	86
36) 4-Chloro-3-methylphenol	8.65	107	266310	35.16	ng		99
37) 2-Methylnaphthalene	8.80	142	621043	36.72	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	259003	41.39	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	140936	37.34	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	190477	40.70	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	190207	39.07	ng		95
45) 1,1'-Biphenyl	9.27	154	683523	37.94	ng		99
46) 2-Chloronaphthalene	9.29	162	550939	36.38	ng		99
47) 2-Nitroaniline	9.39	65	187702	42.02	ng	#	66
48) Acenaphthylene	9.70	152	893360	37.09	ng		100
49) Dimethylphthalate	9.58	163	663599	39.15	ng		100
50) 2,6-Dinitrotoluene	9.63	165	146093	37.63	ng	#	69
51) Acenaphthene	9.88	154	592242	39.41	ng		100
52) 3-Nitroaniline	9.80	138	174200	38.89	ng		93
53) 2,4-Dinitrophenol	9.91	184	83528	44.88	ng	#	78
54) Dibenzofuran	10.04	168	777825	37.59	ng	#	89
55) 4-Nitrophenol	9.96	139	128770	37.04	ng	#	83
56) 2,4-Dinitrotoluene	10.03	165	183973	36.87	ng	#	69
57) Fluorene	10.39	166	514974	35.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	162404	42.45	ng	#	56
59) Diethylphthalate	10.27	149	685717	39.96	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	258441	37.55	ng		95
61) 4-Nitroaniline	10.41	138	122236	28.77	ng		97
62) Azobenzene	10.55	77	702907	41.42	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	115959	42.47	ng	#	56
65) n-Nitrosodiphenylamine	10.50	169	511753	35.05	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	176664	37.42	ng	#	88
67) Hexachlorobenzene	10.94	284	170098	34.68	ng		96
68) Atrazine	11.04	200	161193	36.46	ng		98
69) Pentachlorophenol	11.13	266	113357	43.84	ng		97
70) Phenanthrene	11.35	178	813640	35.24	ng		99
71) Anthracene	11.41	178	951023	40.83	ng		99
72) Carbazole	11.55	167	760073	34.87	ng		100
73) Di-n-butylphthalate	11.90	149	1056229	38.28	ng		99
74) Fluoranthene	12.54	202	929361	38.14	ng		96
76) Benzidine	12.66	184	171573	24.18	ng		99
77) Pyrene	12.77	202	919807	48.38	ng		99
79) Butylbenzylphthalate	13.38	149	392924	46.74	ng	#	77
80) Benzo(a)anthracene	13.94	228	643190	44.05	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	168473	42.91	ng		99
82) Chrysene	13.99	228	700793	51.02	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	494150	48.29	ng	#	96
84) Di-n-octyl phthalate	14.56	149	822243	49.45	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	568875	44.57	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	636535m	35.00	ng		
88) Benzo(k)fluoranthene	14.99	252	522215m	38.07	ng		
89) Benzo(a)pyrene	15.31	252	570740	38.79	ng	#	95
90) Dibenzo(a,h)anthracene	16.75	278	474365	34.71	ng		98
91) Benzo(g,h,i)perylene	17.14	276	465020	33.08	ng		100

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

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