Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086268.D
Acq On : 16 Apr 2016 16:17
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/18/2016 7:33:58 PM

Quant Time: Apr 18 05:42:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	263871	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1042882	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	474004	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	781711	20.00	ng		0.00
75) Chrysene-d12	14.05	240	419241	20.00	ng		0.00
86) Perylene-d12	15.48	264	453795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1160649	72.07	ng		0.00
7) Phenol-d6	6.52	99	1549461	76.92	ng		0.00
23) Nitrobenzene-d5	7.46	82	1401378	77.50	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	301365	79.18	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2089131	81.33	ng		0.00
78) Terphenyl-d14	13.00	244	1481024	88.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	336358	37.87	ng		98
3) Pyridine	3.24	79	858715	37.07	ng		94
4) n-Nitrosodimethylamine	3.18	42	328787	39.29	ng	#	70
6) Aniline	6.56	93	1118038	38.51	ng		99
8) 2-Chlorophenol	6.68	128	704983	38.70	ng	#	77
9) Benzaldehyde	6.44	77	563430	39.42	ng		98
10) Phenol	6.53	94	995339	41.49	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	672771	37.28	ng	#	82
12) 1,3-Dichlorobenzene	6.83	146	724397	37.47	ng		99
13) 1,4-Dichlorobenzene	6.91	146	697378	37.87	ng		99
14) 1,2-Dichlorobenzene	7.07	146	681576	41.70	ng		99
15) Benzyl Alcohol	7.04	79	584604	40.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1106385	39.34	ng		99
17) 2-Methylphenol	7.15	107	618577	40.75	ng		93
18) Hexachloroethane	7.41	117	279582	40.25	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	430939	33.43	ng	#	84
20) 3+4-Methylphenols	7.30	107	603559	35.50	ng		99
22) Acetophenone	7.31	105	855581	43.68	ng	#	97
24) Nitrobenzene	7.48	77	856959	43.35	ng		95
25) Isophorone	7.72	82	1418132	39.53	ng		99
26) 2-Nitrophenol	7.79	139	364373	42.27	ng		95
27) 2,4-Dimethylphenol	7.84	122	708308	40.69	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	769045	36.46	ng		100
29) 2,4-Dichlorophenol	8.03	162	522808	39.50	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	549477	39.68	ng		98
31) Naphthalene	8.20	128	1827892	39.25	ng		99
32) Benzoic acid	7.94	122	467634	42.03	ng		95
33) 4-Chloroaniline	8.25	127	782953	37.61	ng		99
34) Hexachlorobutadiene	8.33	225	291642	42.03	ng		100
35) Caprolactam	8.62	113	195481	40.80	ng	#	69
36) 4-Chloro-3-methylphenol	8.73	107	603868	39.38	ng		97
37) 2-Methylnaphthalene	8.90	142	1212842	40.28	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	453176	45.33	ng		98
40) Hexachlorocyclopentadiene	9.05	237	209550	37.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	371852	39.82	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	386184	42.81	ng		94
45) 1,1'-Biphenyl	9.36	154	1279806	37.51	ng		99
46) 2-Chloronaphthalene	9.38	162	1074723	38.58	ng		99
47) 2-Nitroaniline	9.47	65	339162	37.58	ng		97
48) Acenaphthylene	9.80	152	1879591	42.40	ng		99
49) Dimethylphthalate	9.66	163	1387579	40.26	ng		99
50) 2,6-Dinitrotoluene	9.72	165	322918	42.34	ng		89
51) Acenaphthene	9.97	154	1133253	42.80	ng		100
52) 3-Nitroaniline	9.88	138	327200	35.31	ng		98
53) 2,4-Dinitrophenol	9.98	184	107760	40.42	ng	#	85
54) Dibenzofuran	10.14	168	1478754	42.28	ng		98
55) 4-Nitrophenol	10.03	139	250013	34.49	ng		92
56) 2,4-Dinitrotoluene	10.12	165	408261	41.82	ng	#	85
57) Fluorene	10.49	166	987268	40.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	252955	38.61	ng		98
59) Diethylphthalate	10.36	149	1399104	39.33	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	453391	45.68	ng		98
61) 4-Nitroaniline	10.50	138	331931	41.44	ng	#	78
62) Azobenzene	10.64	77	1438898	41.34	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	171968	46.22	ng	#	76
65) n-Nitrosodiphenylamine	10.59	169	944774	39.47	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	319208	43.81	ng		99
67) Hexachlorobenzene	11.02	284	306832	40.19	ng		98
68) Atrazine	11.12	200	284488	38.78	ng		98
69) Pentachlorophenol	11.22	266	204183	44.11	ng		98
70) Phenanthrene	11.44	178	1502416	40.24	ng		100
71) Anthracene	11.49	178	1594314	45.78	ng		99
72) Carbazole	11.64	167	1338077	37.68	ng		99
73) Di-n-butylphthalate	11.98	149	1932709	40.26	ng		100
74) Fluoranthene	12.62	202	1330278	40.88	ng		99
76) Benzidine	12.75	184	776691	47.76	ng		98
77) Pyrene	12.85	202	1358189	42.23	ng		99
79) Butylbenzylphthalate	13.48	149	688869	46.36	ng		98
80) Benzo(a)anthracene	14.04	228	895908	38.93	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	616678	46.22	ng	#	97
82) Chrysene	14.08	228	1007953	41.07	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	713962	44.50	ng		98
84) Di-n-octyl phthalate	14.65	149	1313401	42.47	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1242837	61.61	ng		96
87) Benzo(b)fluoranthene	15.07	252	964041	34.43	ng		99
88) Benzo(k)fluoranthene	15.11	252	974614m	38.18	ng		
89) Benzo(a)pyrene	15.43	252	975828	40.24	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	1022486	47.71	ng		98
91) Benzo(g,h,i)perylene	17.32	276	1095649	48.08	ng	#	94

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

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