Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088740.D
Acq On : 6 Jul 2016 18:05
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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umangi
7/8/2016 6:59:06 AM

Quant Time: Jul 07 01:12:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	89840	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	356653	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	170613	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	345254	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	251627	20.00	ng		-0.03
86) Perylene-d12	15.27	264	234665	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	448019	74.74	ng		-0.03
7) Phenol-d6	6.39	99	564317	72.86	ng		-0.02
23) Nitrobenzene-d5	7.32	82	581996	85.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	143976	90.88	ng		-0.03
44) 2-Fluorobiphenyl	9.12	172	1036094	95.92	ng		-0.02
78) Terphenyl-d14	12.85	244	918082	81.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	102122	34.36	ng	#	35
3) Pyridine	2.95	79	300372	34.83	ng		91
4) n-Nitrosodimethylamine	2.91	42	110474	33.53	ng		85
6) Aniline	6.41	93	404606	35.84	ng	#	87
8) 2-Chlorophenol	6.54	128	263665	40.92	ng		92
9) Benzaldehyde	6.30	77	177154	33.76	ng		94
10) Phenol	6.40	94	278889	31.55	ng	#	59
11) bis(2-Chloroethyl)ether	6.49	93	236855	35.93	ng		90
12) 1,3-Dichlorobenzene	6.70	146	270380m	38.14	ng		
13) 1,4-Dichlorobenzene	6.76	146	260360	37.00	ng		94
14) 1,2-Dichlorobenzene	6.92	146	275792m	41.87	ng		
15) Benzyl Alcohol	6.90	79	227246	39.86	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	302259	31.66	ng		89
17) 2-Methylphenol	7.02	107	209381	39.84	ng		98
18) Hexachloroethane	7.27	117	109787	40.33	ng		95
19) n-Nitroso-di-n-propylamine	7.18	70	183108	35.19	ng		90
20) 3+4-Methylphenols	7.16	107	254066	40.28	ng	#	54
22) Acetophenone	7.16	105	339267	39.19	ng	#	86
24) Nitrobenzene	7.34	77	266677	38.86	ng	#	83
25) Isophorone	7.58	82	507074	40.22	ng		94
26) 2-Nitrophenol	7.66	139	147697	52.49	ng		88
27) 2,4-Dimethylphenol	7.70	122	252815	43.14	ng		91
28) bis(2-Chloroethoxy)methane	7.79	93	309243	37.69	ng	#	95
29) 2,4-Dichlorophenol	7.90	162	207164	43.74	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	215091	41.38	ng		98
31) Naphthalene	8.06	128	691767	39.34	ng		100
32) Benzoic acid	7.84	122	177189	41.64	ng		94
33) 4-Chloroaniline	8.11	127	358968	45.89	ng	#	94
34) Hexachlorobutadiene	8.18	225	128928	46.32	ng		98
35) Caprolactam	8.49	113	76110	47.31	ng	#	84
36) 4-Chloro-3-methylphenol	8.59	107	234119	41.80	ng		91
37) 2-Methylnaphthalene	8.75	142	504575	44.57	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	228135	40.20	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	108757	39.05	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	158492	42.36	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	137507	42.72	ng	#	83
45) 1,1'-Biphenyl	9.21	154	547355	38.74	ng		99
46) 2-Chloronaphthalene	9.23	162	437911	39.48	ng		97
47) 2-Nitroaniline	9.32	65	166598	42.33	ng		95
48) Acenaphthylene	9.64	152	703647	39.87	ng		100
49) Dimethylphthalate	9.52	163	498880	41.04	ng		100
50) 2,6-Dinitrotoluene	9.58	165	119194	44.25	ng	#	58
51) Acenaphthene	9.82	154	450635	41.66	ng		98
52) 3-Nitroaniline	9.75	138	163772	47.82	ng		82
53) 2,4-Dinitrophenol	9.85	184	67447	56.70	ng	#	73
54) Dibenzofuran	9.99	168	558802	39.47	ng	#	86
55) 4-Nitrophenol	9.91	139	124332	47.78	ng	#	75
56) 2,4-Dinitrotoluene	9.98	165	153631	43.62	ng	#	54
57) Fluorene	10.33	166	446703	40.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	118447	47.56	ng	#	54
59) Diethylphthalate	10.22	149	550915	45.16	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	235431	46.44	ng		97
61) 4-Nitroaniline	10.35	138	135042	40.98	ng		84
62) Azobenzene	10.49	77	601508	43.23	ng		92
64) 4,6-Dinitro-2-methylphenol	10.39	198	96895	52.47	ng	#	58
65) n-Nitrosodiphenylamine	10.44	169	425037	36.37	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	132147	37.98	ng	#	71
67) Hexachlorobenzene	10.88	284	167547	43.50	ng	#	88
68) Atrazine	10.98	200	152466	41.87	ng		100
69) Pentachlorophenol	11.07	266	96984	42.55	ng		98
70) Phenanthrene	11.29	178	791832	41.96	ng		98
71) Anthracene	11.34	178	689957	36.77	ng		100
72) Carbazole	11.50	167	744019	42.12	ng		99
73) Di-n-butylphthalate	11.83	149	805983	39.23	ng	#	99
74) Fluoranthene	12.47	202	840899	43.95	ng		97
76) Benzidine	12.59	184	570066	44.82	ng		99
77) Pyrene	12.70	202	880327	41.26	ng		99
79) Butylbenzylphthalate	13.33	149	370558	38.94	ng		94
80) Benzo(a)anthracene	13.87	228	653202	40.31	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	242095	39.74	ng	#	94
82) Chrysene	13.91	228	604069	37.68	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	500851	46.10	ng	#	99
84) Di-n-octyl phthalate	14.49	149	841304	45.58	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	469076	38.03	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	559747	38.02	ng	#	96
88) Benzo(k)fluoranthene	14.91	252	554688m	43.28	ng		
89) Benzo(a)pyrene	15.21	252	502520	40.32	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	402676	38.69	ng		98
91) Benzo(g,h,i)perylene	16.97	276	402871	37.41	ng		98

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

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