Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088676.D
Acq On : 4 Jul 2016 5:50
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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7/5/2016 7:51:17 PM

Quant Time: Jul 04 07:06:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117204	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	449499	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	206830	20.00	ng		-0.03
63) Phenanthrene-d10	11.29	188	402119	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	240198	20.00	ng		-0.03
86) Perylene-d12	15.31	264	211200	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	554943	70.96	ng		-0.03
7) Phenol-d6	6.42	99	732171	72.46	ng		-0.02
23) Nitrobenzene-d5	7.35	82	677361	78.97	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	155068	80.74	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	1165178	88.99	ng		-0.02
78) Terphenyl-d14	12.88	244	885244	82.09	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	132427	34.16	ng	#	38
3) Pyridine	2.99	79	380777	33.84	ng		93
4) n-Nitrosodimethylamine	2.96	42	142537	33.16	ng		85
6) Aniline	6.44	93	505825	34.35	ng		96
8) 2-Chlorophenol	6.57	128	327247	38.93	ng		90
9) Benzaldehyde	6.33	77	233163	34.06	ng		94
10) Phenol	6.43	94	429794	37.27	ng		75
11) bis(2-Chloroethyl)ether	6.52	93	327372	38.07	ng		89
12) 1,3-Dichlorobenzene	6.73	146	335711m	36.30	ng		
13) 1,4-Dichlorobenzene	6.80	146	325531	35.46	ng		95
14) 1,2-Dichlorobenzene	6.96	146	343350m	39.96	ng		
15) Benzyl Alcohol	6.92	79	255408	34.34	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	430284	34.55	ng		90
17) 2-Methylphenol	7.04	107	260743	38.03	ng		97
18) Hexachloroethane	7.30	117	138697	39.06	ng		91
19) n-Nitroso-di-n-propylamine	7.21	70	256683	37.82	ng	#	88
20) 3+4-Methylphenols	7.20	107	275168	33.44	ng	#	68
22) Acetophenone	7.20	105	424850	38.94	ng	#	87
24) Nitrobenzene	7.37	77	368564	42.62	ng	#	85
25) Isophorone	7.61	82	608633	38.31	ng		95
26) 2-Nitrophenol	7.69	139	170061	47.95	ng	#	80
27) 2,4-Dimethylphenol	7.74	122	290764	39.37	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	416709	40.30	ng	#	96
29) 2,4-Dichlorophenol	7.93	162	262140	43.91	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	264011	40.30	ng		98
31) Naphthalene	8.09	128	850503	38.38	ng		100
32) Benzoic acid	7.86	122	222360	41.46	ng		98
33) 4-Chloroaniline	8.15	127	414734	42.06	ng	#	92
34) Hexachlorobutadiene	8.22	225	148541	42.35	ng		98
35) Caprolactam	8.51	113	77997	38.47	ng		97
36) 4-Chloro-3-methylphenol	8.63	107	309678	43.87	ng		99
37) 2-Methylnaphthalene	8.79	142	593218	41.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	262735	38.19	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	122947	36.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	182395	40.21	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	161160	41.30	ng	#	89
45) 1,1'-Biphenyl	9.24	154	652380	38.09	ng		98
46) 2-Chloronaphthalene	9.27	162	523518	38.94	ng		97
47) 2-Nitroaniline	9.36	65	173796	36.42	ng		95
48) Acenaphthylene	9.68	152	816025	38.14	ng		100
49) Dimethylphthalate	9.55	163	664205	45.08	ng		99
50) 2,6-Dinitrotoluene	9.61	165	156415	47.89	ng		91
51) Acenaphthene	9.85	154	504063	38.44	ng		99
52) 3-Nitroaniline	9.77	138	147902	35.63	ng		90
53) 2,4-Dinitrophenol	9.87	184	60001	41.61	ng	#	88
54) Dibenzofuran	10.02	168	654521	38.13	ng	#	87
55) 4-Nitrophenol	9.93	139	125792	39.87	ng		98
56) 2,4-Dinitrotoluene	10.01	165	201032	47.08	ng		93
57) Fluorene	10.36	166	493384	37.30	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	129188	42.79	ng	#	55
59) Diethylphthalate	10.25	149	649573	43.93	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	259670	42.25	ng		91
61) 4-Nitroaniline	10.39	138	185608	46.46	ng		97
62) Azobenzene	10.52	77	705745	41.84	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	79592	37.01	ng		89
65) n-Nitrosodiphenylamine	10.48	169	495049	36.38	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	151230	37.32	ng	#	74
67) Hexachlorobenzene	10.91	284	186706	41.62	ng	#	88
68) Atrazine	11.00	200	144135	33.99	ng		92
69) Pentachlorophenol	11.11	266	107553	40.51	ng		99
70) Phenanthrene	11.32	178	882016	40.13	ng		99
71) Anthracene	11.37	178	796702	36.45	ng		100
72) Carbazole	11.53	167	817883	39.76	ng		98
73) Di-n-butylphthalate	11.86	149	957485	40.01	ng		99
74) Fluoranthene	12.50	202	825272	37.03	ng		99
76) Benzidine	12.63	184	480598	39.59	ng		99
77) Pyrene	12.73	202	895737	43.98	ng		100
79) Butylbenzylphthalate	13.36	149	394270	43.40	ng		96
80) Benzo(a)anthracene	13.91	228	611935	39.56	ng		100
81) 3,3'-Dichlorobenzidine	13.87	252	221632	38.11	ng	#	95
82) Chrysene	13.95	228	615368	40.21	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	488709	47.12	ng		100
84) Di-n-octyl phthalate	14.53	149	723320	41.05	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	506714	43.04	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	547795m	41.35	ng		
88) Benzo(k)fluoranthene	14.95	252	397698m	34.48	ng		
89) Benzo(a)pyrene	15.26	252	441495	39.36	ng	#	94
90) Dibenzo(a,h)anthracene	16.66	278	440527	47.03	ng		97
91) Benzo(g,h,i)perylene	17.04	276	455410	46.98	ng		98

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

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