Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088765.D
Acq On : 7 Jul 2016 6:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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7/7/2016 6:10:25 PM

Quant Time: Jul 07 07:01:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 01:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	89721	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	336880	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	149759	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	246219	20.00	ng		0.00
75) Chrysene-d12	13.89	240	159510	20.00	ng		0.00
86) Perylene-d12	15.27	264	168797	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	429216	71.70	ng		0.00
7) Phenol-d6	6.39	99	561243	72.55	ng		0.00
23) Nitrobenzene-d5	7.32	82	552963	86.02	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	110653	79.57	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	936000	98.72	ng		0.00
78) Terphenyl-d14	12.85	244	586402	81.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	98727	33.26	ng	#	37
3) Pyridine	2.94	79	280229	32.54	ng		93
4) n-Nitrosodimethylamine	2.90	42	106689	32.43	ng		90
6) Aniline	6.41	93	381105	33.81	ng	#	74
8) 2-Chlorophenol	6.54	128	257727	40.06	ng		92
9) Benzaldehyde	6.30	77	182387	34.81	ng		95
10) Phenol	6.40	94	279030	31.61	ng	#	46
11) bis(2-Chloroethyl)ether	6.49	93	224385	34.08	ng		90
12) 1,3-Dichlorobenzene	6.70	146	275879m	38.96	ng		
13) 1,4-Dichlorobenzene	6.76	146	256980	36.57	ng		92
14) 1,2-Dichlorobenzene	6.92	146	278330m	42.31	ng		
15) Benzyl Alcohol	6.90	79	225407	39.59	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	286886	30.09	ng		89
17) 2-Methylphenol	7.02	107	199277	37.97	ng		97
18) Hexachloroethane	7.27	117	103185	37.96	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	170063	32.73	ng		91
20) 3+4-Methylphenols	7.18	107	254217	40.35	ng	#	85
22) Acetophenone	7.16	105	324195	39.65	ng	#	87
24) Nitrobenzene	7.34	77	234696	36.21	ng	#	81
25) Isophorone	7.58	82	472746	39.70	ng	#	93
26) 2-Nitrophenol	7.66	139	133015	50.05	ng		90
27) 2,4-Dimethylphenol	7.70	122	240393	43.43	ng		91
28) bis(2-Chloroethoxy)methane	7.79	93	287098	37.05	ng	#	96
29) 2,4-Dichlorophenol	7.90	162	190610	42.60	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	201282	41.00	ng		96
31) Naphthalene	8.06	128	650521	39.17	ng		100
32) Benzoic acid	7.80	122	66495	16.54	ng		93
33) 4-Chloroaniline	8.11	127	339034	45.88	ng		96
34) Hexachlorobutadiene	8.18	225	125631	47.79	ng		99
35) Caprolactam	8.49	113	65714	43.25	ng	#	67
36) 4-Chloro-3-methylphenol	8.59	107	207926	39.30	ng		89
37) 2-Methylnaphthalene	8.75	142	471679	44.11	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	216598	43.48	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	32858	13.44	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	130908	39.86	ng		97
43) 2,4,5-Trichlorophenol	9.07	196	124025	43.89	ng		95
45) 1,1'-Biphenyl	9.21	154	514954	41.53	ng		98
46) 2-Chloronaphthalene	9.23	162	386495	39.70	ng		95
47) 2-Nitroaniline	9.34	65	149927	43.39	ng	#	72
48) Acenaphthylene	9.64	152	617297	39.85	ng		99
49) Dimethylphthalate	9.52	163	456747	42.81	ng		99
50) 2,6-Dinitrotoluene	9.58	165	97690	41.31	ng	#	57
51) Acenaphthene	9.82	154	358362	37.74	ng		98
52) 3-Nitroaniline	9.75	138	129496	43.08	ng	#	75
53) 2,4-Dinitrophenol	9.84	184	5722	5.48	ng	#	73
54) Dibenzofuran	9.99	168	478327	38.49	ng	#	85
55) 4-Nitrophenol	9.90	139	72567	31.77	ng		85
56) 2,4-Dinitrotoluene	9.98	165	134141	43.39	ng	#	66
57) Fluorene	10.33	166	375582	39.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	89013	40.72	ng	#	55
59) Diethylphthalate	10.22	149	485689	45.36	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	203040	45.63	ng		97
61) 4-Nitroaniline	10.35	138	123646	42.74	ng		87
62) Azobenzene	10.49	77	492919	40.36	ng		92
64) 4,6-Dinitro-2-methylphenol	10.38	198	13610	10.33	ng		75
65) n-Nitrosodiphenylamine	10.44	169	350445	42.05	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	106943	43.10	ng	#	71
67) Hexachlorobenzene	10.88	284	125601	45.73	ng	#	90
68) Atrazine	10.97	200	102570	39.50	ng		90
69) Pentachlorophenol	11.07	266	50458	31.04	ng		97
70) Phenanthrene	11.29	178	570128	42.36	ng		98
71) Anthracene	11.34	178	527555	39.42	ng		99
72) Carbazole	11.50	167	521507	41.40	ng		98
73) Di-n-butylphthalate	11.84	149	672934	45.93	ng		98
74) Fluoranthene	12.47	202	520209	38.13	ng		97
76) Benzidine	12.59	184	338029	41.93	ng		99
77) Pyrene	12.70	202	515746	38.13	ng		98
79) Butylbenzylphthalate	13.33	149	241171	39.98	ng		95
80) Benzo(a)anthracene	13.87	228	393111	38.27	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	143589	37.18	ng	#	94
82) Chrysene	13.91	228	349194	34.36	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	315612	45.82	ng		99
84) Di-n-octyl phthalate	14.49	149	506562	43.29	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	353214	45.18	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	366625m	34.62	ng		
88) Benzo(k)fluoranthene	14.91	252	402538m	43.67	ng		
89) Benzo(a)pyrene	15.21	252	352165	39.28	ng		97
90) Dibenzo(a,h)anthracene	16.61	278	312770	41.78	ng		95
91) Benzo(g,h,i)perylene	16.98	276	291847	37.67	ng		94

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

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