Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086659.D
Acq On : 3 May 2016 23:28
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/4/2016 6:53:49 PM

Quant Time: May 04 05:29:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189377	20.00	ng		-0.06
21) Naphthalene-d8	8.04	136	750665	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	296571	20.00	ng		-0.06
63) Phenanthrene-d10	11.28	188	432394	20.00	ng		-0.05
75) Chrysene-d12	13.90	240	382133	20.00	ng		-0.06
86) Perylene-d12	15.30	264	332212	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	968021	88.17	ng		-0.04
7) Phenol-d6	6.40	99	1221155	79.69	ng		-0.05
23) Nitrobenzene-d5	7.33	82	1229250	88.27	ng		-0.05
41) 2,4,6-Tribromophenol	10.58	330	196480	62.82	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	1627922	99.54	ng		-0.06
78) Terphenyl-d14	12.85	244	1136071	65.50	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	241409	41.86	ng	#	76
3) Pyridine	2.97	79	545374	39.95	ng	#	73
4) n-Nitrosodimethylamine	2.92	42	379217	48.74	ng	#	55
6) Aniline	6.42	93	751367	40.52	ng	#	81
8) 2-Chlorophenol	6.54	128	525937	38.46	ng		93
9) Benzaldehyde	6.29	77	308581	34.61	ng		96
10) Phenol	6.41	94	620027	36.27	ng	#	41
11) bis(2-Chloroethyl)ether	6.50	93	627290	42.44	ng		93
12) 1,3-Dichlorobenzene	6.69	146	575155	39.10	ng	#	94
13) 1,4-Dichlorobenzene	6.77	146	613261	40.41	ng		95
14) 1,2-Dichlorobenzene	6.92	146	507072	36.43	ng		94
15) Benzyl Alcohol	6.90	79	392725	40.51	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1171738	39.61	ng		91
17) 2-Methylphenol	7.02	107	449740	40.69	ng	#	92
18) Hexachloroethane	7.26	117	189718	33.45	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	427694	42.23	ng	#	76
20) 3+4-Methylphenols	7.18	107	511533	40.53	ng	#	63
22) Acetophenone	7.17	105	706165	42.90	ng	#	91
24) Nitrobenzene	7.34	77	613942	42.86	ng		97
25) Isophorone	7.58	82	1055238	39.37	ng		99
26) 2-Nitrophenol	7.66	139	227414	34.48	ng		94
27) 2,4-Dimethylphenol	7.71	122	501410	43.32	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	639034	43.76	ng		98
29) 2,4-Dichlorophenol	7.90	162	395699	40.52	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	447742	39.52	ng		96
31) Naphthalene	8.06	128	1407042	36.84	ng		98
32) Benzoic acid	7.82	122	123177	23.14	ng	#	85
33) 4-Chloroaniline	8.12	127	604619	42.27	ng		99
34) Hexachlorobutadiene	8.18	225	252435	39.75	ng		97
35) Caprolactam	8.50	113	118760	36.46	ng	#	55
36) 4-Chloro-3-methylphenol	8.60	107	407929	36.49	ng		88
37) 2-Methylnaphthalene	8.75	142	834916	37.04	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	392414	46.23	ng		99
40) Hexachlorocyclopentadiene	8.91	237	32888	7.80	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	233412	43.50	ng		95
43) 2,4,5-Trichlorophenol	9.08	196	231711	39.62	ng		95
45) 1,1'-Biphenyl	9.22	154	1023953	41.31	ng		96
46) 2-Chloronaphthalene	9.24	162	775208	41.13	ng		94
47) 2-Nitroaniline	9.34	65	316448	52.36	ng		89
48) Acenaphthylene	9.65	152	1126398	38.23	ng		99
49) Dimethylphthalate	9.53	163	1044327	46.77	ng		100
50) 2,6-Dinitrotoluene	9.58	165	184029	39.90	ng	#	84
51) Acenaphthene	9.82	154	688204	36.37	ng		99
52) 3-Nitroaniline	9.76	138	230982	44.03	ng		98
53) 2,4-Dinitrophenol	9.87	184	4000	9.26	ng	#	1
54) Dibenzofuran	10.00	168	896818	37.92	ng		95
55) 4-Nitrophenol	9.92	139	99403	28.94	ng	#	60
56) 2,4-Dinitrotoluene	9.98	165	213033	36.23	ng		94
57) Fluorene	10.34	166	717670	34.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	155712m	34.05	ng		
59) Diethylphthalate	10.22	149	942820	44.61	ng		96
60) 4-Chlorophenyl-phenylether	10.34	204	381612	40.93	ng	#	82
61) 4-Nitroaniline	10.36	138	210987	41.15	ng	#	74
62) Azobenzene	10.49	77	902471	38.98	ng		83
64) 4,6-Dinitro-2-methylphenol	10.40	198	10847	4.27	ng	#	65
65) n-Nitrosodiphenylamine	10.45	169	636290	47.08	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	207433	46.56	ng		92
67) Hexachlorobenzene	10.89	284	225471	43.72	ng	#	89
68) Atrazine	10.98	200	168221	41.45	ng		94
69) Pentachlorophenol	11.08	266	105777	38.90	ng		98
70) Phenanthrene	11.30	178	980065	43.19	ng		100
71) Anthracene	11.34	178	1008193	41.63	ng		100
72) Carbazole	11.50	167	859838	40.06	ng		99
73) Di-n-butylphthalate	11.85	149	1155533	47.52	ng		99
74) Fluoranthene	12.48	202	894743	39.06	ng		99
76) Benzidine	12.61	184	498068	37.93	ng		97
77) Pyrene	12.70	202	928779	33.73	ng		100
79) Butylbenzylphthalate	13.33	149	459703	38.55	ng	#	81
80) Benzo(a)anthracene	13.89	228	813377	39.92	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	555248	40.77	ng		99
82) Chrysene	13.93	228	816917	36.89	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	582063	39.32	ng	#	96
84) Di-n-octyl phthalate	14.51	149	1129391	48.72	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.63	276	691793	42.16	ng		96
87) Benzo(b)fluoranthene	14.91	252	883575m	45.21	ng		
88) Benzo(k)fluoranthene	14.93	252	697197m	34.20	ng		
89) Benzo(a)pyrene	15.24	252	737793	39.99	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	593214	39.29	ng		99
91) Benzo(g,h,i)perylene	17.03	276	547819	36.20	ng	#	93

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

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