Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086470.D
Acq On : 28 Apr 2016 17:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
4/29/2016 4:52:44 PM

Quant Time: Apr 29 01:03:28 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	6.80	152	221222	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	979858	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	462067	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	825256	20.00	ng		0.00
75) Chrysene-d12	13.95	240	454355	20.00	ng		-0.01
86) Perylene-d12	15.35	264	418593	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1116483	87.05	ng		0.00
7) Phenol-d6	6.44	99	1394702	77.92	ng		0.00
23) Nitrobenzene-d5	7.37	82	1439765	79.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	365465	75.00	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	1953432	71.31	ng		-0.01
78) Terphenyl-d14	12.90	244	1660118	80.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	262587	38.98	ng	#	77
3) Pyridine	3.05	79	633995	39.76	ng	#	75
4) n-Nitrosodimethylamine	3.01	42	420599	46.28	ng	#	60
6) Aniline	6.46	93	908427	41.94	ng		97
8) 2-Chlorophenol	6.58	128	611509	38.28	ng	#	81
9) Benzaldehyde	6.34	77	388801	37.33	ng		99
10) Phenol	6.45	94	742851	37.20	ng	#	59
11) bis(2-Chloroethyl)ether	6.54	93	713668m	41.34	ng		
12) 1,3-Dichlorobenzene	6.74	146	665046	38.70	ng		97
13) 1,4-Dichlorobenzene	6.82	146	683028	38.53	ng		99
14) 1,2-Dichlorobenzene	6.97	146	551265	33.91	ng		96
15) Benzyl Alcohol	6.94	79	469400	41.45	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1304421	37.75	ng		89
17) 2-Methylphenol	7.06	107	526688	40.79	ng		94
18) Hexachloroethane	7.31	117	254942	38.48	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	504780	42.66	ng	#	75
20) 3+4-Methylphenols	7.22	107	530214	35.97	ng		94
22) Acetophenone	7.22	105	828446	38.56	ng	#	88
24) Nitrobenzene	7.39	77	768057	41.07	ng		98
25) Isophorone	7.63	82	1393850	39.84	ng		99
26) 2-Nitrophenol	7.70	139	332961	38.67	ng	#	75
27) 2,4-Dimethylphenol	7.74	122	557310	36.89	ng		90
28) bis(2-Chloroethoxy)methane	7.85	93	800679	42.01	ng		99
29) 2,4-Dichlorophenol	7.95	162	534903	41.97	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	566885	38.34	ng		98
31) Naphthalene	8.11	128	1830143	36.71	ng		99
32) Benzoic acid	7.89	122	403429	44.82	ng		90
33) 4-Chloroaniline	8.16	127	711645	38.11	ng	#	91
34) Hexachlorobutadiene	8.22	225	293376	35.39	ng		99
35) Caprolactam	8.56	113	163862	38.54	ng	#	59
36) 4-Chloro-3-methylphenol	8.65	107	557459m	38.20	ng		
37) 2-Methylnaphthalene	8.80	142	1025395	34.85	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	518276	39.19	ng		98
40) Hexachlorocyclopentadiene	8.96	237	256572	39.04	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	359505	43.00	ng		92
43) 2,4,5-Trichlorophenol	9.12	196	334598	36.72	ng	#	86
45) 1,1'-Biphenyl	9.26	154	1344532	34.81	ng		96
46) 2-Chloronaphthalene	9.29	162	1042279	35.49	ng		94
47) 2-Nitroaniline	9.39	65	436077	46.31	ng		96
48) Acenaphthylene	9.70	152	1558516	33.95	ng		99
49) Dimethylphthalate	9.57	163	1273718	36.62	ng		100
50) 2,6-Dinitrotoluene	9.63	165	265756	36.98	ng	#	85
51) Acenaphthene	9.87	154	960116m	32.56	ng		
52) 3-Nitroaniline	9.80	138	350946	42.94	ng		93
53) 2,4-Dinitrophenol	9.90	184	151443	42.60	ng		91
54) Dibenzofuran	10.04	168	1235073	33.52	ng		94
55) 4-Nitrophenol	9.96	139	219043	40.93	ng	#	73
56) 2,4-Dinitrotoluene	10.03	165	331138	36.15	ng	#	89
57) Fluorene	10.38	166	983675	30.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	291731	40.95	ng		94
59) Diethylphthalate	10.27	149	1324739	40.23	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	534561	36.80	ng	#	76
61) 4-Nitroaniline	10.42	138	313547	39.25	ng		84
62) Azobenzene	10.54	77	1409361	39.07	ng		88
64) 4,6-Dinitro-2-methylphenol	10.44	198	199087	41.09	ng	#	61
65) n-Nitrosodiphenylamine	10.50	169	943641	36.59	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	330013	38.81	ng		96
67) Hexachlorobenzene	10.93	284	385788	39.19	ng	#	85
68) Atrazine	11.04	200	330084	42.62	ng		96
69) Pentachlorophenol	11.13	266	220726	42.53	ng		97
70) Phenanthrene	11.34	178	1539881	35.56	ng		98
71) Anthracene	11.39	178	1735139	37.54	ng		100
72) Carbazole	11.55	167	1434888	35.03	ng		98
73) Di-n-butylphthalate	11.88	149	1601000	34.50	ng	#	98
74) Fluoranthene	12.52	202	1415486	32.38	ng		99
76) Benzidine	12.65	184	477903	30.61	ng		96
77) Pyrene	12.75	202	1372016	41.91	ng		99
79) Butylbenzylphthalate	13.38	149	583382	41.15	ng		98
80) Benzo(a)anthracene	13.94	228	884116	36.50	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	595759	36.79	ng		97
82) Chrysene	13.97	228	976679	37.09	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	623238	35.41	ng	#	99
84) Di-n-octyl phthalate	14.55	149	1048960	38.06	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.71	276	1087765	55.75	ng		98
87) Benzo(b)fluoranthene	14.96	252	951164m	38.63	ng		
88) Benzo(k)fluoranthene	14.98	252	793474m	30.89	ng		
89) Benzo(a)pyrene	15.29	252	864763	37.20	ng	#	95
90) Dibenzo(a,h)anthracene	16.73	278	901005	47.36	ng		97
91) Benzo(g,h,i)perylene	17.12	276	922154	48.36	ng		96

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

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