Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088005.D
Acq On : 14 Jun 2016 16:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/17/2016 5:58:57 AM

Quant Time: Jun 15 04:05:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110397	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	437256	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	213481	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	386069	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	288336	20.00	ng		-0.01
86) Perylene-d12	15.35	264	227880	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	513238	79.48	ng		-0.01
7) Phenol-d6	6.42	99	596310	76.19	ng		-0.01
23) Nitrobenzene-d5	7.36	82	604387	80.71	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	148286	65.78	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	952504	69.05	ng		-0.01
78) Terphenyl-d14	12.89	244	831315	65.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	126079	40.18	ng	#	40
3) Pyridine	3.02	79	282064	38.07	ng		94
4) n-Nitrosodimethylamine	2.96	42	117665	37.50	ng		86
6) Aniline	6.44	93	419988	37.70	ng	#	89
8) 2-Chlorophenol	6.57	128	309077	40.44	ng		85
9) Benzaldehyde	6.33	77	174530	33.46	ng		97
10) Phenol	6.43	94	309107	37.86	ng	#	69
11) bis(2-Chloroethyl)ether	6.52	93	285674	41.63	ng		88
12) 1,3-Dichlorobenzene	6.72	146	302867	36.93	ng		100
13) 1,4-Dichlorobenzene	6.80	146	306545	37.11	ng		99
14) 1,2-Dichlorobenzene	6.96	146	298364	39.71	ng		99
15) Benzyl Alcohol	6.94	79	230287	37.61	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	371647	40.09	ng		92
17) 2-Methylphenol	7.05	107	250414	40.40	ng		97
18) Hexachloroethane	7.30	117	113558	38.74	ng		90
19) n-Nitroso-di-n-propylamine	7.21	70	198954	39.74	ng		88
20) 3+4-Methylphenols	7.20	107	280481	38.78	ng	#	61
22) Acetophenone	7.20	105	364679	37.32	ng	#	91
24) Nitrobenzene	7.37	77	276556	38.13	ng		90
25) Isophorone	7.62	82	534437	38.53	ng	#	92
26) 2-Nitrophenol	7.69	139	175996	45.30	ng	#	81
27) 2,4-Dimethylphenol	7.74	122	299201	41.82	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	333160	38.73	ng	#	97
29) 2,4-Dichlorophenol	7.93	162	230224	38.54	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	239341	36.80	ng		97
31) Naphthalene	8.09	128	786381	36.34	ng		100
32) Benzoic acid	7.86	122	169500	43.03	ng		94
33) 4-Chloroaniline	8.15	127	393128	40.69	ng		95
34) Hexachlorobutadiene	8.22	225	134227	39.13	ng		98
35) Caprolactam	8.52	113	84475	42.70	ng		94
36) 4-Chloro-3-methylphenol	8.64	107	263120	41.19	ng		87
37) 2-Methylnaphthalene	8.79	142	565000	39.62	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	231971	40.31	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	98780	28.69	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	155205	36.35	ng		97
43) 2,4,5-Trichlorophenol	9.11	196	167499	37.71	ng	#	93
45) 1,1'-Biphenyl	9.26	154	689342	42.70	ng		96
46) 2-Chloronaphthalene	9.28	162	550618	39.86	ng		93
47) 2-Nitroaniline	9.37	65	144446	35.45	ng		92
48) Acenaphthylene	9.69	152	852643	38.80	ng		99
49) Dimethylphthalate	9.56	163	609307	39.40	ng		98
50) 2,6-Dinitrotoluene	9.62	165	149560	42.23	ng		91
51) Acenaphthene	9.86	154	509605	37.18	ng		99
52) 3-Nitroaniline	9.78	138	141176	34.55	ng		97
53) 2,4-Dinitrophenol	9.88	184	56572	35.07	ng	#	79
54) Dibenzofuran	10.03	168	718906	38.08	ng		93
55) 4-Nitrophenol	9.95	139	134561	42.42	ng	#	69
56) 2,4-Dinitrotoluene	10.02	165	200473	44.05	ng	#	90
57) Fluorene	10.38	166	569663	44.61	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	127669	36.58	ng	#	55
59) Diethylphthalate	10.25	149	582667	37.22	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	208862	33.27	ng		93
61) 4-Nitroaniline	10.40	138	157074	40.52	ng		99
62) Azobenzene	10.52	77	564439	36.46	ng		95
64) 4,6-Dinitro-2-methylphenol	10.43	198	85106	35.88	ng	#	48
65) n-Nitrosodiphenylamine	10.49	169	527755	41.20	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	156803	37.86	ng	#	92
67) Hexachlorobenzene	10.92	284	169106	39.30	ng	#	73
68) Atrazine	11.02	200	140376	36.19	ng		91
69) Pentachlorophenol	11.12	266	89745	39.56	ng		98
70) Phenanthrene	11.34	178	831310	41.03	ng		99
71) Anthracene	11.38	178	746561	36.53	ng		100
72) Carbazole	11.54	167	827834	43.29	ng		99
73) Di-n-butylphthalate	11.87	149	848838	35.07	ng		100
74) Fluoranthene	12.51	202	756531	35.39	ng		98
76) Benzidine	12.64	184	353911	44.33	ng		99
77) Pyrene	12.74	202	747925	34.96	ng		100
79) Butylbenzylphthalate	13.37	149	398995	42.18	ng		96
80) Benzo(a)anthracene	13.93	228	589996	35.91	ng		100
81) 3,3'-Dichlorobenzidine	13.90	252	190558	43.13	ng	#	97
82) Chrysene	13.97	228	587050	37.98	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	442334	38.41	ng	#	98
84) Di-n-octyl phthalate	14.54	149	770925	41.20	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	529870	36.89	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	551136	34.70	ng	#	97
88) Benzo(k)fluoranthene	14.97	252	504986m	42.15	ng		
89) Benzo(a)pyrene	15.29	252	499354	38.86	ng	#	96
90) Dibenzo(a,h)anthracene	16.72	278	434461	36.40	ng		97
91) Benzo(g,h,i)perylene	17.11	276	464579	37.84	ng		100

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

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