Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
Data File : BF091534.D
Acq On : 9 Dec 2016 18:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/12/2016 6:49:45 PM

Quant Time: Dec 09 22:20:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	284118	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1115008	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	555364	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	905709	20.00	ng		0.00
75) Chrysene-d12	13.96	240	607879	20.00	ng		0.00
86) Perylene-d12	15.38	264	592489	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1413726	83.83	ng		0.00
7) Phenol-d6	6.45	99	1608501	76.51	ng		0.00
23) Nitrobenzene-d5	7.38	82	1438165	71.99	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	328466	71.21	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2376035	73.92	ng		-0.01
78) Terphenyl-d14	12.92	244	2101823	78.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	352137	39.56	ng	#	84
3) Pyridine	3.09	79	978656	41.27	ng	#	80
4) n-Nitrosodimethylamine	3.05	42	386791	37.96	ng	#	63
6) Aniline	6.48	93	1079157	39.15	ng	#	68
8) 2-Chlorophenol	6.60	128	760333	39.94	ng		98
9) Benzaldehyde	6.36	77	512227m	35.40	ng		
10) Phenol	6.46	94	948084	38.57	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	774404	41.94	ng	#	83
12) 1,3-Dichlorobenzene	6.75	146	751351m	36.40	ng		
13) 1,4-Dichlorobenzene	6.83	146	785709	38.59	ng		97
14) 1,2-Dichlorobenzene	6.99	146	732310m	39.91	ng		
15) Benzyl Alcohol	6.96	79	593371	35.75	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1152356	40.27	ng		79
17) 2-Methylphenol	7.08	107	617397	39.20	ng	#	76
18) Hexachloroethane	7.33	117	305031	38.39	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	505262	38.43	ng		85
20) 3+4-Methylphenols	7.23	107	656848	38.14	ng	#	60
22) Acetophenone	7.23	105	1041828	39.00	ng	#	93
24) Nitrobenzene	7.40	77	906110	42.93	ng	#	83
25) Isophorone	7.64	82	1389938	39.14	ng		100
26) 2-Nitrophenol	7.72	139	373906	40.14	ng	#	65
27) 2,4-Dimethylphenol	7.76	122	612212	37.42	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	852429	40.92	ng		98
29) 2,4-Dichlorophenol	7.96	162	599439	42.11	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	615451	38.04	ng		99
31) Naphthalene	8.12	128	1975734	38.08	ng		99
32) Benzoic acid	7.88	122	451505	39.43	ng		95
33) 4-Chloroaniline	8.17	127	829110	37.10	ng		96
34) Hexachlorobutadiene	8.25	225	366480	39.51	ng		99
35) Caprolactam	8.54	113	172618	41.52	ng	#	60
36) 4-Chloro-3-methylphenol	8.66	107	671912	42.08	ng		95
37) 2-Methylnaphthalene	8.81	142	1259742	37.52	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	557432	36.60	ng		99
40) Hexachlorocyclopentadiene	8.97	237	274739	40.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	398797m	40.75	ng		
43) 2,4,5-Trichlorophenol	9.13	196	376343m	37.42	ng		
45) 1,1'-Biphenyl	9.28	154	1503732	37.38	ng		98
46) 2-Chloronaphthalene	9.30	162	1151006	36.95	ng		99
47) 2-Nitroaniline	9.39	65	385354	36.79	ng	#	81
48) Acenaphthylene	9.71	152	1755977	36.98	ng		98
49) Dimethylphthalate	9.58	163	1428185	40.61	ng		99
50) 2,6-Dinitrotoluene	9.64	165	332632	43.10	ng	#	75
51) Acenaphthene	9.88	154	1177808	35.71	ng		97
52) 3-Nitroaniline	9.80	138	356456	39.32	ng		89
53) 2,4-Dinitrophenol	9.90	184	135854	39.30	ng	#	79
54) Dibenzofuran	10.05	168	1531099	37.52	ng		98
55) 4-Nitrophenol	9.97	139	290810	43.11	ng	#	62
56) 2,4-Dinitrotoluene	10.04	165	418986	43.31	ng	#	86
57) Fluorene	10.40	166	1096983	36.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	321893	40.88	ng		95
59) Diethylphthalate	10.28	149	1349574	39.86	ng		95
60) 4-Chlorophenyl-phenylether	10.40	204	561550	38.28	ng	#	89
61) 4-Nitroaniline	10.42	138	360817	40.05	ng		92
62) Azobenzene	10.56	77	1520456	39.63	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	188990	35.20	ng	#	86
65) n-Nitrosodiphenylamine	10.51	169	993972	36.81	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	357339	38.48	ng	#	76
67) Hexachlorobenzene	10.94	284	357879	37.06	ng	#	81
68) Atrazine	11.04	200	306918	35.35	ng		99
69) Pentachlorophenol	11.14	266	229978	42.32	ng		95
70) Phenanthrene	11.36	178	1742174	38.84	ng		99
71) Anthracene	11.41	178	1852311	38.29	ng		99
72) Carbazole	11.56	167	1536850	36.24	ng		100
73) Di-n-butylphthalate	11.91	149	1987197	40.22	ng		99
74) Fluoranthene	12.55	202	1853376	39.46	ng		98
76) Benzidine	12.66	184	724387	38.54	ng		98
77) Pyrene	12.77	202	1855207	38.47	ng		99
79) Butylbenzylphthalate	13.39	149	736293	39.17	ng		89
80) Benzo(a)anthracene	13.95	228	1337542	37.89	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	480914	37.94	ng	#	96
82) Chrysene	13.99	228	1386767	37.55	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	928401	38.49	ng	#	100
84) Di-n-octyl phthalate	14.57	149	1688654	41.25	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1344411	40.45	ng		99
87) Benzo(b)fluoranthene	14.98	252	1524236m	43.16	ng		
88) Benzo(k)fluoranthene	15.00	252	1023426m	32.95	ng		
89) Benzo(a)pyrene	15.32	252	1269508	39.90	ng	#	95
90) Dibenzo(a,h)anthracene	16.76	278	1135938	39.85	ng		98
91) Benzo(g,h,i)perylene	17.16	276	1167353	40.24	ng		98

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

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