Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092364.D
Acq On : 18 Jan 2017 21:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 19 03:46:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 01:06:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	191052	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	981956	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	422155	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	566045	20.00	ng		0.00
75) Chrysene-d12	13.69	240	466916	20.00	ng		-0.01
86) Perylene-d12	15.05	264	578046	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1046747	91.48	ng		0.00
7) Phenol-d6	6.22	99	1167369	83.56	ng		0.00
23) Nitrobenzene-d5	7.12	82	1211194	68.59	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	229769	65.77	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	2023219	100.56	ng		0.00
78) Terphenyl-d14	12.65	244	1515393	78.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	268579	47.68	ng		99
3) Pyridine	2.53	79	700442	35.63	ng		99
4) n-Nitrosodimethylamine	2.51	42	290890	39.22	ng		93
6) Aniline	6.21	93	725357	39.98	ng	#	47
8) 2-Chlorophenol	6.34	128	548798	42.17	ng		98
9) Benzaldehyde	6.08	77	328868	42.02	ng		93
10) Phenol	6.23	94	752140	47.25	ng	#	72
11) bis(2-Chloroethyl)ether	6.29	93	525101	41.46	ng		96
12) 1,3-Dichlorobenzene	6.48	146	582529	41.93	ng	#	95
13) 1,4-Dichlorobenzene	6.56	146	598324	42.31	ng		96
14) 1,2-Dichlorobenzene	6.71	146	464774	37.88	ng		95
15) Benzyl Alcohol	6.71	79	454732	41.89	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	770823	40.87	ng	#	25
17) 2-Methylphenol	6.84	107	423933	40.50	ng	#	88
18) Hexachloroethane	7.06	117	227784	43.44	ng		96
19) n-Nitroso-di-n-propylamine	6.99	70	468090	50.37	ng		93
20) 3+4-Methylphenols	7.00	107	601911	48.21	ng	#	72
22) Acetophenone	6.98	105	863098	35.64	ng	#	91
24) Nitrobenzene	7.15	77	776679	41.29	ng	#	88
25) Isophorone	7.39	82	1283930	39.41	ng		97
26) 2-Nitrophenol	7.46	139	344997	37.20	ng		94
27) 2,4-Dimethylphenol	7.52	122	610322	39.67	ng		93
28) bis(2-Chloroethoxy)methane	7.60	93	814516	41.23	ng		99
29) 2,4-Dichlorophenol	7.72	162	514655	39.51	ng		95
30) 1,2,4-Trichlorobenzene	7.79	180	572830	40.13	ng		100
31) Naphthalene	7.86	128	1705700	37.95	ng		100
32) Benzoic acid	7.68	122	387875	33.99	ng		96
33) 4-Chloroaniline	7.92	127	743078	36.67	ng		98
34) Hexachlorobutadiene	7.98	225	327425	43.45	ng		99
35) Caprolactam	8.31	113	158654	37.06	ng		98
36) 4-Chloro-3-methylphenol	8.43	107	531865	35.48	ng		92
37) 2-Methylnaphthalene	8.55	142	1124516	39.55	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	437191	40.99	ng		99
40) Hexachlorocyclopentadiene	8.70	237	71006	18.18	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	301583	40.43	ng		96
43) 2,4,5-Trichlorophenol	8.88	196	294844	38.41	ng		96
45) 1,1'-Biphenyl	9.01	154	1189373	41.15	ng		96
46) 2-Chloronaphthalene	9.03	162	901675	39.39	ng		96
47) 2-Nitroaniline	9.15	65	347292	42.61	ng	#	74
48) Acenaphthylene	9.44	152	1382266	39.26	ng		99
49) Dimethylphthalate	9.33	163	1160253	42.97	ng		100
50) 2,6-Dinitrotoluene	9.39	165	221485	37.48	ng	#	81
51) Acenaphthene	9.62	154	870619	36.48	ng		99
52) 3-Nitroaniline	9.56	138	327198	44.74	ng		82
53) 2,4-Dinitrophenol	9.68	184	62082	18.88	ng	#	91
54) Dibenzofuran	9.79	168	1138967	35.34	ng		98
55) 4-Nitrophenol	9.75	139	124608m	25.09	ng		
56) 2,4-Dinitrotoluene	9.80	165	255303	34.42	ng	#	64
57) Fluorene	10.13	166	896032	38.21	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	207296	34.14	ng		96
59) Diethylphthalate	10.02	149	955090	36.42	ng		100
60) 4-Chlorophenyl-phenylether	10.13	204	398805	38.84	ng	#	77
61) 4-Nitroaniline	10.16	138	248481	32.79	ng		94
62) Azobenzene	10.28	77	995712	34.49	ng		96
64) 4,6-Dinitro-2-methylphenol	10.21	198	84321	24.63	ng		98
65) n-Nitrosodiphenylamine	10.24	169	722640	43.02	ng		98
66) 4-Bromophenyl-phenylether	10.61	248	254856	43.28	ng		91
67) Hexachlorobenzene	10.68	284	258518	41.08	ng		94
68) Atrazine	10.78	200	149140	27.53	ng		96
69) Pentachlorophenol	10.88	266	108588	35.16	ng		98
70) Phenanthrene	11.08	178	1140666	37.16	ng		98
71) Anthracene	11.14	178	1276294	47.99	ng		97
72) Carbazole	11.30	167	1126567	44.23	ng		98
73) Di-n-butylphthalate	11.64	149	1425127	49.40	ng	#	97
74) Fluoranthene	12.27	202	1324124	49.56	ng		92
76) Benzidine	12.39	184	562543	48.08	ng		97
77) Pyrene	12.49	202	1247720	36.42	ng		99
79) Butylbenzylphthalate	13.13	149	666318	42.77	ng		88
80) Benzo(a)anthracene	13.67	228	1206216	45.77	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	523833	52.41	ng	#	97
82) Chrysene	13.72	228	1252219	47.37	ng		98
83) Bis(2-ethylhexyl)phthalate	13.69	149	795152	43.33	ng		99
84) Di-n-octyl phthalate	14.30	149	1657137	48.75	ng		100
85) Indeno(1,2,3-cd)pyrene	16.27	276	1257503	54.91	ng		98
87) Benzo(b)fluoranthene	14.68	252	1257542m	34.94	ng		
88) Benzo(k)fluoranthene	14.70	252	1152682m	37.56	ng		
89) Benzo(a)pyrene	14.99	252	1213985	38.01	ng		100
90) Dibenzo(a,h)anthracene	16.28	278	1081199	41.18	ng	#	95
91) Benzo(g,h,i)perylene	16.63	276	1100210	40.30	ng		98

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

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