Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082919.D
Acq On : 14 Nov 2015 2:48
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:44:07 PM

Quant Time: Nov 14 05:56:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	204785	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	770720	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	354102	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	638140	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	416426	20.00	ng		-0.05
86) Perylene-d12	15.39	264	454995	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	981374	74.56	ng		-0.02
7) Phenol-d6	6.46	99	1224205	69.97	ng		-0.01
23) Nitrobenzene-d5	7.38	82	1284304	72.51	ng		-0.03
41) 2,4,6-Tribromophenol	10.65	330	287933	70.92	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1844796	74.67	ng		-0.05
78) Terphenyl-d14	12.92	244	1444382	82.27	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	235208	41.42	ng		96
3) Pyridine	3.07	79	663346	40.25	ng		91
4) n-Nitrosodimethylamine	3.00	42	307513	37.63	ng	#	73
6) Aniline	6.48	93	890951	36.27	ng	#	1
8) 2-Chlorophenol	6.60	128	562847	38.58	ng		96
9) Benzaldehyde	6.35	77	369921	38.27	ng		83
10) Phenol	6.48	94	644157	32.44	ng		88
11) bis(2-Chloroethyl)ether	6.54	93	575471	38.76	ng		90
12) 1,3-Dichlorobenzene	6.75	146	632864	38.46	ng	#	85
13) 1,4-Dichlorobenzene	6.83	146	610143m	35.64	ng		
14) 1,2-Dichlorobenzene	6.98	146	565835	36.34	ng		97
15) Benzyl Alcohol	6.96	79	468447	30.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	831196	38.17	ng		75
17) 2-Methylphenol	7.08	107	437244	35.38	ng		96
18) Hexachloroethane	7.32	117	169328	27.65	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	412627	32.08	ng		90
20) 3+4-Methylphenols	7.24	107	607793	37.83	ng	#	58
22) Acetophenone	7.22	105	776787	35.17	ng	#	97
24) Nitrobenzene	7.39	77	565773	31.23	ng		89
25) Isophorone	7.64	82	1220113	37.23	ng	#	94
26) 2-Nitrophenol	7.71	139	271340	35.89	ng	#	74
27) 2,4-Dimethylphenol	7.77	122	509695	37.52	ng		91
28) bis(2-Chloroethoxy)methane	7.85	93	648514	35.08	ng		97
29) 2,4-Dichlorophenol	7.96	162	436866	35.58	ng		88
30) 1,2,4-Trichlorobenzene	8.04	180	511443	37.04	ng		94
31) Naphthalene	8.12	128	1590501	37.40	ng		99
32) Benzoic acid	7.90	122	402806	43.31	ng	#	73
33) 4-Chloroaniline	8.17	127	653507	35.66	ng		93
34) Hexachlorobutadiene	8.25	225	286836	33.19	ng		98
35) Caprolactam	8.56	113	141625	36.59	ng	#	87
36) 4-Chloro-3-methylphenol	8.67	107	522183	36.16	ng	#	80
37) 2-Methylnaphthalene	8.81	142	926745	33.69	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	471650	40.53	ng		97
42) 2,4,6-Trichlorophenol	9.09	196	315880	36.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	328770	38.27	ng		94
45) 1,1'-Biphenyl	9.28	154	1143441	37.63	ng		96
46) 2-Chloronaphthalene	9.30	162	917024	38.69	ng		98
47) 2-Nitroaniline	9.39	65	333977	37.99	ng		88
48) Acenaphthylene	9.71	152	1361232	36.65	ng		99
49) Dimethylphthalate	9.58	163	1239588	42.73	ng		99
50) 2,6-Dinitrotoluene	9.64	165	267384	43.19	ng	#	78
51) Acenaphthene	9.88	154	827611	35.15	ng		100
52) 3-Nitroaniline	9.81	138	299195	43.95	ng	#	60
53) 2,4-Dinitrophenol	9.90	184	36379	10.70	ng	#	28
54) Dibenzofuran	10.05	168	1168369	36.81	ng		93
55) 4-Nitrophenol	9.98	139	182990	35.04	ng		85
56) 2,4-Dinitrotoluene	10.04	165	344264	40.99	ng		87
57) Fluorene	10.40	166	890583	34.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	242249	34.55	ng		92
59) Diethylphthalate	10.28	149	1123613	39.67	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	506721	39.40	ng		99
61) 4-Nitroaniline	10.42	138	244779	35.75	ng	#	76
62) Azobenzene	10.56	77	1265888	41.60	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	80311	17.67	ng		81
65) n-Nitrosodiphenylamine	10.51	169	843656	36.60	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	288913	37.60	ng		97
67) Hexachlorobenzene	10.96	284	309582	36.08	ng	#	56
68) Atrazine	11.05	200	291269	40.86	ng		97
69) Pentachlorophenol	11.15	266	163764	31.43	ng		97
70) Phenanthrene	11.36	178	1256461	33.90	ng		99
71) Anthracene	11.41	178	1490726	38.19	ng		98
72) Carbazole	11.56	167	1159891	33.94	ng		97
73) Di-n-butylphthalate	11.90	149	1670462	39.24	ng		99
74) Fluoranthene	12.54	202	1214827	30.55	ng		99
76) Benzidine	12.67	184	568803	40.76	ng		99
77) Pyrene	12.77	202	1203445	42.08	ng		98
79) Butylbenzylphthalate	13.40	149	593311	46.96	ng	#	82
80) Benzo(a)anthracene	13.96	228	960625	36.89	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	373282	40.32	ng	#	97
82) Chrysene	14.00	228	938702	39.36	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	732295	42.35	ng		99
84) Di-n-octyl phthalate	14.58	149	1309125	45.39	ng		97
85) Indeno(1,2,3-cd)pyrene	16.76	276	940390	45.78	ng	#	94
87) Benzo(b)fluoranthene	14.99	252	1126440m	38.57	ng		
88) Benzo(k)fluoranthene	15.01	252	791388m	30.55	ng		
89) Benzo(a)pyrene	15.33	252	952825	37.66	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	791594	36.94	ng	#	95
91) Benzo(g,h,i)perylene	17.17	276	703087	34.26	ng	#	95

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

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