Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090975.D
Acq On : 2 Nov 2016 13:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Umangi
11/3/2016 7:13:02 PM

Quant Time: Nov 03 11:21:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	182973	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	796270	20.00	ng		-0.02
38) Acenaphthene-d10	9.77	164	421810	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	654056	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	538527	20.00	ng		-0.02
86) Perylene-d12	15.28	264	446692	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	898439	85.85	ng		-0.02
7) Phenol-d6	6.37	99	1167607	82.70	ng		-0.02
23) Nitrobenzene-d5	7.30	82	1127447	92.69	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	268670	61.98	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1669760	69.51	ng		-0.02
78) Terphenyl-d14	12.83	244	1705732	79.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	273217	51.07	ng		85
3) Pyridine	2.91	79	536023	36.93	ng	#	77
4) n-Nitrosodimethylamine	2.86	42	202781m	49.63	ng		
6) Aniline	6.38	93	692165	42.92	ng	#	17
8) 2-Chlorophenol	6.51	128	519660	40.25	ng		94
9) Benzaldehyde	6.27	77	300760	41.24	ng	#	78
10) Phenol	6.38	94	668797	42.98	ng	#	24
11) bis(2-Chloroethyl)ether	6.46	93	544820	42.32	ng		97
12) 1,3-Dichlorobenzene	6.66	146	486533	36.84	ng	#	88
13) 1,4-Dichlorobenzene	6.74	146	523035	37.67	ng	#	89
14) 1,2-Dichlorobenzene	6.90	146	492591	37.00	ng		96
15) Benzyl Alcohol	6.88	79	434243	46.83	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.01	45	772130	60.28	ng		76
17) 2-Methylphenol	6.99	107	390397	39.75	ng	#	81
18) Hexachloroethane	7.23	117	201044	39.78	ng		88
19) n-Nitroso-di-n-propylamine	7.15	70	388524	47.60	ng	#	70
20) 3+4-Methylphenols	7.15	107	486692	42.81	ng	#	75
22) Acetophenone	7.14	105	657891	40.16	ng	#	81
24) Nitrobenzene	7.31	77	561773	43.66	ng	#	63
25) Isophorone	7.56	82	1031517	41.79	ng	#	90
26) 2-Nitrophenol	7.63	139	261909	38.00	ng	#	51
27) 2,4-Dimethylphenol	7.68	122	388541	34.82	ng	#	78
28) bis(2-Chloroethoxy)methane	7.77	93	562690	40.08	ng	#	92
29) 2,4-Dichlorophenol	7.88	162	365959	35.42	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	410828	34.41	ng		99
31) Naphthalene	8.03	128	1361827	36.59	ng		97
32) Benzoic acid	7.82	122	265516	32.77	ng	#	59
33) 4-Chloroaniline	8.09	127	577495	38.40	ng	#	84
34) Hexachlorobutadiene	8.16	225	241366	34.38	ng		98
35) Caprolactam	8.46	113	118736	37.02	ng	#	71
36) 4-Chloro-3-methylphenol	8.58	107	424163	37.75	ng	#	76
37) 2-Methylnaphthalene	8.73	142	918420	38.20	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	434498	37.55	ng		99
40) Hexachlorocyclopentadiene	8.89	237	177413	33.33	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	273012	36.55	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	251609	32.70	ng	#	78
45) 1,1'-Biphenyl	9.20	154	1196603	39.38	ng		94
46) 2-Chloronaphthalene	9.22	162	905281	39.17	ng		92
47) 2-Nitroaniline	9.32	65	311320m	47.74	ng		
48) Acenaphthylene	9.63	152	1388279	39.67	ng		95
49) Dimethylphthalate	9.50	163	1040562	36.92	ng	#	98
50) 2,6-Dinitrotoluene	9.56	165	223199	35.86	ng	#	58
51) Acenaphthene	9.80	154	818467	33.96	ng		88
52) 3-Nitroaniline	9.73	138	268527	40.53	ng	#	72
53) 2,4-Dinitrophenol	9.84	184	120042	36.64	ng	#	22
54) Dibenzofuran	9.97	168	1141610	36.70	ng	#	84
55) 4-Nitrophenol	9.90	139	139416	34.50	ng	#	62
56) 2,4-Dinitrotoluene	9.96	165	263109	34.03	ng	#	49
57) Fluorene	10.32	166	978730	38.42	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.10	232	217583	31.67	ng		94
59) Diethylphthalate	10.20	149	1060995	37.91	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	407176	32.74	ng	#	69
61) 4-Nitroaniline	10.35	138	257985	39.31	ng	#	59
62) Azobenzene	10.46	77	1183963	43.01	ng	#	82
64) 4,6-Dinitro-2-methylphenol	10.37	198	138768	32.00	ng		78
65) n-Nitrosodiphenylamine	10.43	169	773230	38.59	ng		90
66) 4-Bromophenyl-phenylether	10.80	248	251076	35.05	ng	#	90
67) Hexachlorobenzene	10.86	284	299209	35.30	ng	#	88
68) Atrazine	10.97	200	220900	35.64	ng		83
69) Pentachlorophenol	11.06	266	193932	42.65	ng		98
70) Phenanthrene	11.28	178	1363596m	40.94	ng		
71) Anthracene	11.32	178	1243561	35.46	ng		96
72) Carbazole	11.48	167	1182500	38.18	ng	#	92
73) Di-n-butylphthalate	11.82	149	1551047	38.85	ng	#	99
74) Fluoranthene	12.45	202	1241143	34.03	ng		98
76) Benzidine	12.58	184	436417	37.11	ng		96
77) Pyrene	12.68	202	1256088	36.86	ng		95
79) Butylbenzylphthalate	13.31	149	627978	40.61	ng	#	75
80) Benzo(a)anthracene	13.87	228	1177119	41.19	ng		95
81) 3,3'-Dichlorobenzidine	13.85	252	421428	37.98	ng	#	92
82) Chrysene	13.92	228	1217233m	42.11	ng		
83) Bis(2-ethylhexyl)phthalate	13.87	149	907019	45.04	ng	#	91
84) Di-n-octyl phthalate	14.49	149	1505833	44.53	ng		95
85) Indeno(1,2,3-cd)pyrene	16.61	276	916627	35.78	ng	#	94
87) Benzo(b)fluoranthene	14.89	252	1000533m	33.31	ng		
88) Benzo(k)fluoranthene	14.92	252	1120385m	47.20	ng		
89) Benzo(a)pyrene	15.22	252	947157	36.70	ng	#	93
90) Dibenzo(a,h)anthracene	16.63	278	810663	37.10	ng	#	85
91) Benzo(g,h,i)perylene	17.01	276	708766	34.44	ng	#	81

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

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