Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
Data File : BF077248.D
Acq On : 10 Feb 2015 22:43
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
2/11/2015 4:06:52 PM

Quant Time: Feb 11 05:05:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	25615	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	107337	20.00	ng		0.01
38) Acenaphthene-d10	14.63	164	58959	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	98235	20.00	ng		0.00
75) Chrysene-d12	21.03	240	94052	20.00	ng		0.01
86) Perylene-d12	22.66	264	85154	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.61	112	125977	80.86	ng		0.02
7) Phenol-d6	7.04	99	157791	80.29	ng		0.02
23) Nitrobenzene-d5	8.91	82	154382	79.68	ng		0.01
41) 2,4,6-Tribromophenol	16.39	330	34137	71.33	ng		0.01
44) 2-Fluorobiphenyl	13.16	172	340147	87.80	ng		0.00
78) Terphenyl-d14	19.76	244	349883	85.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.05	88	22592	33.87	ng		96
3) Pyridine	1.48	79	63034	36.52	ng		95
4) n-Nitrosodimethylamine	1.44	42	38641	45.19	ng	#	76
6) Aniline	6.89	93	121403	44.64	ng		99
8) 2-Chlorophenol	7.14	128	72592	40.42	ng		93
9) Benzaldehyde	6.60	77	41944	36.87	ng		96
10) Phenol	7.06	94	82341m	39.46	ng		
11) bis(2-Chloroethyl)ether	7.14	93	68724	42.09	ng		95
12) 1,3-Dichlorobenzene	7.44	146	85868	42.02	ng		93
13) 1,4-Dichlorobenzene	7.63	146	88520	40.85	ng		99
14) 1,2-Dichlorobenzene	7.95	146	81056	40.60	ng		100
15) Benzyl Alcohol	8.05	79	67302	42.32	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.40	45	94322	42.97	ng	#	46
17) 2-Methylphenol	8.42	107	60631	41.31	ng		94
18) Hexachloroethane	8.69	117	26971	35.79	ng		93
19) n-Nitroso-di-n-propylamine	8.68	70	57016	41.44	ng		93
20) 3+4-Methylphenols	8.81	107	74122m	38.14	ng		
22) Acetophenone	8.60	105	115153	43.80	ng		97
24) Nitrobenzene	8.96	77	73073	37.02	ng		98
25) Isophorone	9.55	82	152809	43.31	ng		98
26) 2-Nitrophenol	9.69	139	15693	16.72	ng		88
27) 2,4-Dimethylphenol	10.00	122	65093	42.65	ng		95
28) bis(2-Chloroethoxy)methane	10.19	93	92636	46.19	ng		99
29) 2,4-Dichlorophenol	10.32	162	58949	41.44	ng		93
30) 1,2,4-Trichlorobenzene	10.42	180	70905	44.88	ng		98
31) Naphthalene	10.56	128	237225	42.93	ng		99
32) Benzoic acid	10.42	122	16380m	19.37	ng		
33) 4-Chloroaniline	10.82	127	94358	42.26	ng		98
34) Hexachlorobutadiene	10.92	225	40492	43.19	ng		94
35) Caprolactam	11.70	113	18063	43.13	ng	#	88
36) 4-Chloro-3-methylphenol	12.15	107	70689	43.40	ng		99
37) 2-Methylnaphthalene	12.21	142	165449	43.84	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	63259	43.40	ng		97
40) Hexachlorocyclopentadiene	12.60	237	5185	10.81	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.98	196	45628	42.96	ng		93
43) 2,4,5-Trichlorophenol	13.08	196	48289m	44.58	ng		
45) 1,1'-Biphenyl	13.37	154	192814	44.11	ng		98
46) 2-Chloronaphthalene	13.33	162	154000	42.82	ng		98
47) 2-Nitroaniline	13.69	65	38917	35.67	ng		96
48) Acenaphthylene	14.28	152	260213	42.89	ng		98
49) Dimethylphthalate	14.25	163	181573	43.43	ng		99
50) 2,6-Dinitrotoluene	14.34	165	24696	29.56	ng		94
51) Acenaphthene	14.71	154	145491	42.27	ng		95
52) 3-Nitroaniline	14.69	138	42163	39.00	ng		96
54) Dibenzofuran	15.13	168	209332	41.75	ng		97
55) 4-Nitrophenol	15.38	139	11687m	17.83	ng		
56) 2,4-Dinitrotoluene	15.28	165	28435	23.82	ng	#	92
57) Fluorene	15.89	166	180189	42.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.51	232	30178	38.26	ng	#	91
59) Diethylphthalate	15.91	149	193580	45.81	ng		99
60) 4-Chlorophenyl-phenylether	16.00	204	74985	43.14	ng		95
61) 4-Nitroaniline	16.07	138	43063	41.11	ng		91
62) Azobenzene	16.29	77	176850m	40.17	ng		
64) 4,6-Dinitro-2-methylphenol	16.17	198	1007	4.79	ng		76
65) n-Nitrosodiphenylamine	16.26	169	148580	42.42	ng		99
66) 4-Bromophenyl-phenylether	16.88	248	43813	44.02	ng		89
67) Hexachlorobenzene	16.89	284	46064	43.92	ng		97
68) Atrazine	17.27	200	42457	39.94	ng		98
69) Pentachlorophenol	17.28	266	10649	27.14	ng		99
70) Phenanthrene	17.54	178	253767	41.42	ng		98
71) Anthracene	17.62	178	254972	42.68	ng		99
72) Carbazole	17.92	167	242648	41.88	ng		99
73) Di-n-butylphthalate	18.52	149	324931	48.45	ng		99
74) Fluoranthene	19.20	202	265578	42.31	ng		97
76) Benzidine	19.45	184	118341	39.32	ng		99
77) Pyrene	19.48	202	272957	42.35	ng		98
79) Butylbenzylphthalate	20.43	149	139885	47.92	ng		95
80) Benzo(a)anthracene	21.01	228	254926	43.20	ng		99
81) 3,3'-Dichlorobenzidine	21.03	252	81843	43.64	ng		95
82) Chrysene	21.06	228	229207	42.59	ng		99
83) Bis(2-ethylhexyl)phthalate	21.16	149	202027	50.02	ng	#	96
84) Di-n-octyl phthalate	21.93	149	353814	50.47	ng		97
85) Indeno(1,2,3-cd)pyrene	23.73	276	230482	40.41	ng	#	83
87) Benzo(b)fluoranthene	22.25	252	271376	47.32	ng		98
88) Benzo(k)fluoranthene	22.28	252	181566m	36.24	ng		
89) Benzo(a)pyrene	22.59	252	210712	41.65	ng	#	94
90) Dibenzo(a,h)anthracene	23.76	278	184353	39.72	ng		99
91) Benzo(g,h,i)perylene	24.00	276	180868	39.19	ng		95

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

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