Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076942.D
Acq On : 20 Jan 2015 00:00
Operator : IZ / TP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDCCC040

Quant Time: Jan 20 10:07:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 19 23:54:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	37047	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	162568	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	87558	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	145850	20.00	ng	0.00
75) Chrysene-d12	21.28	240	144135	20.00	ng	0.01
86) Perylene-d12	22.92	264	124412	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	191136	84.83	ng	0.00
7) Phenol-d6	7.37	99	241483	84.95	ng	0.00
23) Nitrobenzene-d5	9.28	82	248044	84.53	ng	0.00
41) 2,4,6-Tribromophenol	16.69	330	61997	87.23	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	496158	86.24	ng	0.00
78) Terphenyl-d14	20.00	244	511316	81.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.27	88	40028	41.49	ng	96
3) Pyridine	1.75	79	118949m	47.64	ng	
4) n-Nitrosodimethylamine	1.72	42	55197	44.63	ng	95
6) Aniline	7.26	93	168144	42.74	ng	98
8) 2-Chlorophenol	7.51	128	110321	42.47	ng	98
9) Benzaldehyde	6.98	77	61184	37.25	ng	96
10) Phenol	7.41	94	131311	43.50	ng	96
11) bis(2-Chloroethyl)ether	7.51	93	105315	44.59	ng	91
12) 1,3-Dichlorobenzene	7.82	146	130169	44.04	ng	97
13) 1,4-Dichlorobenzene	8.01	146	132534	42.29	ng	98
14) 1,2-Dichlorobenzene	8.33	146	126115	43.67	ng	96
15) Benzyl Alcohol	8.41	79	99932	43.45	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.76	45	133888	42.17	ng	91
17) 2-Methylphenol	8.76	107	92182	43.42	ng	96
18) Hexachloroethane	9.08	117	47761	43.82	ng	97
19) n-Nitroso-di-n-propylamine	9.04	70	84615	42.53	ng	99
20) 3+4-Methylphenols	9.13	107	121456	43.21	ng	98
22) Acetophenone	8.96	105	170105	42.72	ng	99
24) Nitrobenzene	9.32	77	125559	42.00	ng	97
25) Isophorone	9.91	82	222449	41.63	ng	99
26) 2-Nitrophenol	10.06	139	61573	40.51	ng	96
27) 2,4-Dimethylphenol	10.33	122	95002	41.10	ng	94
28) bis(2-Chloroethoxy)methane	10.54	93	127778	42.07	ng	97
29) 2,4-Dichlorophenol	10.65	162	94005	43.63	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	103306	43.17	ng	95
31) Naphthalene	10.93	128	346290	41.37	ng	99
32) Benzoic acid	10.70	122	58478m	45.66	ng	
33) 4-Chloroaniline	11.18	127	141751	41.91	ng	94
34) Hexachlorobutadiene	11.29	225	58686	41.33	ng	95
35) Caprolactam	12.04	113	26858	42.34	ng	93
36) 4-Chloro-3-methylphenol	12.47	107	100498	40.74	ng	97
37) 2-Methylnaphthalene	12.59	142	239299	41.87	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	91053	42.06	ng	98
40) Hexachlorocyclopentadiene	12.97	237	45746	41.59	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	66289	42.03	ng		93
43) 2,4,5-Trichlorophenol	13.42	196	69346	43.11	ng		94
45) 1,1'-Biphenyl	13.74	154	273865	42.19	ng		99
46) 2-Chloronaphthalene	13.72	162	228125	42.71	ng		99
47) 2-Nitroaniline	14.06	65	71365	44.04	ng		92
48) Acenaphthylene	14.67	152	382868	42.49	ng		99
49) Dimethylphthalate	14.61	163	256776	41.35	ng		98
50) 2,6-Dinitrotoluene	14.71	165	56927	45.89	ng		98
51) Acenaphthene	15.09	154	217999	42.65	ng		98
52) 3-Nitroaniline	15.05	138	64832	40.32	ng		89
53) 2,4-Dinitrophenol	15.33	184	19220	39.92	ng		93
54) Dibenzofuran	15.52	168	316842	42.55	ng		96
55) 4-Nitrophenol	15.64	139	38879	39.94	ng		85
56) 2,4-Dinitrotoluene	15.64	165	75911	41.13	ng		95
57) Fluorene	16.23	166	264990	42.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.84	232	50202	42.86	ng		93
59) Diethylphthalate	16.22	149	274521	43.74	ng		99
60) 4-Chlorophenyl-phenylether	16.32	204	110511	42.81	ng		88
61) 4-Nitroaniline	16.37	138	64105	41.20	ng		97
62) Azobenzene	16.60	77	277176	42.39	ng		98
64) 4,6-Dinitro-2-methylphenol	16.44	198	37986	41.04	ng		91
65) n-Nitrosodiphenylamine	16.56	169	220602	42.42	ng		97
66) 4-Bromophenyl-phenylether	17.16	248	64436	43.61	ng	#	87
67) Hexachlorobenzene	17.18	284	67121	43.10	ng	#	84
68) Atrazine	17.52	200	69949	44.32	ng		98
69) Pentachlorophenol	17.53	266	28005	42.73	ng		92
70) Phenanthrene	17.82	178	376330	41.38	ng		98
71) Anthracene	17.89	178	368530	41.55	ng		98
72) Carbazole	18.17	167	361462	42.02	ng		97
73) Di-n-butylphthalate	18.76	149	424467	42.63	ng		98
74) Fluoranthene	19.45	202	401769	43.11	ng		100
76) Benzidine	19.69	184	178421	38.68	ng		100
77) Pyrene	19.74	202	420339	42.55	ng		99
79) Butylbenzylphthalate	20.67	149	191042	42.70	ng		95
80) Benzo(a)anthracene	21.27	228	365540	40.42	ng		99
81) 3,3'-Dichlorobenzidine	21.27	252	119671	41.64	ng		99
82) Chrysene	21.31	228	332582	40.33	ng		99
83) Bis(2-ethylhexyl)phthalate	21.41	149	269974	43.62	ng		100
84) Di-n-octyl phthalate	22.17	149	452005	42.07	ng		99
85) Indeno(1,2,3-cd)pyrene	24.04	276	355047	40.62	ng	#	83
87) Benzo(b)fluoranthene	22.52	252	358789	42.82	ng	#	96
88) Benzo(k)fluoranthene	22.54	252	315464m	43.09	ng		
89) Benzo(a)pyrene	22.86	252	318411	43.08	ng	#	96
90) Dibenzo(a,h)anthracene	24.06	278	303980	44.82	ng	#	96
91) Benzo(g,h,i)perylene	24.33	276	308800	45.80	ng		97

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

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