Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020415\
Data File : BF077182.D
Acq On : 4 Feb 2015 17:25
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
2/5/2015 12:05:35 PM

Quant Time: Feb 05 00:59:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 05 00:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	42226	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	179321	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	96760	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	165290	20.00	ng		0.00
75) Chrysene-d12	21.07	240	168271	20.00	ng		0.00
86) Perylene-d12	22.71	264	154123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.69	112	197706	76.98	ng		0.00
7) Phenol-d6	7.09	99	252908	78.06	ng		0.00
23) Nitrobenzene-d5	9.00	82	263164	81.30	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	61777	78.65	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	514974	80.99	ng		0.00
78) Terphenyl-d14	19.81	244	562624	76.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.09	88	39302	35.74	ng		93
3) Pyridine	1.53	79	108335	38.07	ng		98
4) n-Nitrosodimethylamine	1.49	42	61809	43.85	ng		96
6) Aniline	6.97	93	177905	39.68	ng		98
8) 2-Chlorophenol	7.21	128	119288	40.29	ng		95
9) Benzaldehyde	6.68	77	72239	38.89	ng		95
10) Phenol	7.12	94	131139	38.12	ng		89
11) bis(2-Chloroethyl)ether	7.23	93	110447	41.03	ng	#	75
12) 1,3-Dichlorobenzene	7.53	146	136483	40.52	ng		93
13) 1,4-Dichlorobenzene	7.72	146	139705	39.11	ng		98
14) 1,2-Dichlorobenzene	8.03	146	134052	40.73	ng		98
15) Benzyl Alcohol	8.13	79	105065	40.08	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	147482	40.76	ng		92
17) 2-Methylphenol	8.49	107	95501	39.47	ng		99
18) Hexachloroethane	8.77	117	52247	42.05	ng		95
19) n-Nitroso-di-n-propylamine	8.77	70	89478	39.45	ng		97
20) 3+4-Methylphenols	8.86	107	114609	35.77	ng		96
22) Acetophenone	8.68	105	174597	39.75	ng		100
24) Nitrobenzene	9.04	77	130097	39.45	ng		97
25) Isophorone	9.64	82	238269	40.42	ng		95
26) 2-Nitrophenol	9.78	139	60754	36.42	ng	#	91
27) 2,4-Dimethylphenol	10.06	122	103376	40.54	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	136874	40.85	ng		98
29) 2,4-Dichlorophenol	10.37	162	86363	36.34	ng		99
30) 1,2,4-Trichlorobenzene	10.51	180	108317	41.04	ng		98
31) Naphthalene	10.64	128	363087	39.33	ng		100
32) Benzoic acid	10.49	122	31991m	22.65	ng		
33) 4-Chloroaniline	10.90	127	143690	38.52	ng		97
34) Hexachlorobutadiene	11.00	225	64509	41.19	ng		98
35) Caprolactam	11.79	113	26454	37.81	ng	#	90
36) 4-Chloro-3-methylphenol	12.20	107	104087	38.25	ng		98
37) 2-Methylnaphthalene	12.29	142	251369	39.87	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	96355	40.28	ng		98
40) Hexachlorocyclopentadiene	12.68	237	46086	38.32	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	66985	38.43	ng		97
43) 2,4,5-Trichlorophenol	13.14	196	61994	34.87	ng		96
45) 1,1'-Biphenyl	13.45	154	295869	41.25	ng		99
46) 2-Chloronaphthalene	13.43	162	237121	40.17	ng		99
47) 2-Nitroaniline	13.78	65	74196	41.43	ng	#	83
48) Acenaphthylene	14.36	152	410614	41.24	ng		100
49) Dimethylphthalate	14.33	163	275994	40.22	ng		98
50) 2,6-Dinitrotoluene	14.42	165	58427	42.62	ng		87
51) Acenaphthene	14.79	154	221690	39.24	ng		96
52) 3-Nitroaniline	14.77	138	66801	37.72	ng		93
53) 2,4-Dinitrophenol	15.06	184	14694	31.24	ng		96
54) Dibenzofuran	15.22	168	336239	40.86	ng		99
55) 4-Nitrophenol	15.38	139	26674	24.80	ng		96
56) 2,4-Dinitrotoluene	15.36	165	80856	39.72	ng		92
57) Fluorene	15.97	166	276451	39.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	46357	35.81	ng		95
59) Diethylphthalate	15.99	149	292668	42.20	ng		99
60) 4-Chlorophenyl-phenylether	16.07	204	117108	41.05	ng		97
61) 4-Nitroaniline	16.13	138	66178	38.58	ng		95
62) Azobenzene	16.36	77	298703	41.34	ng		99
64) 4,6-Dinitro-2-methylphenol	16.21	198	35663	34.57	ng		95
65) n-Nitrosodiphenylamine	16.33	169	233202	39.57	ng		97
66) 4-Bromophenyl-phenylether	16.93	248	67450	40.28	ng		93
67) Hexachlorobenzene	16.95	284	70069	39.71	ng	#	84
68) Atrazine	17.32	200	73449	41.07	ng		96
69) Pentachlorophenol	17.32	266	24930	35.05	ng		99
70) Phenanthrene	17.61	178	399863	38.79	ng		99
71) Anthracene	17.68	178	402961	40.09	ng		99
72) Carbazole	17.97	167	400823	41.11	ng		100
73) Di-n-butylphthalate	18.57	149	470922	41.73	ng	#	98
74) Fluoranthene	19.25	202	421645	39.92	ng		99
76) Benzidine	19.51	184	209569	38.92	ng		99
77) Pyrene	19.54	202	454687	39.43	ng		100
79) Butylbenzylphthalate	20.48	149	225553	43.19	ng		97
80) Benzo(a)anthracene	21.06	228	411711	39.00	ng		98
81) 3,3'-Dichlorobenzidine	21.08	252	137468	40.97	ng	#	97
82) Chrysene	21.11	228	370530	38.49	ng		97
83) Bis(2-ethylhexyl)phthalate	21.22	149	319188	44.17	ng		100
84) Di-n-octyl phthalate	21.97	149	570494	45.49	ng		99
85) Indeno(1,2,3-cd)pyrene	23.79	276	442467	43.36	ng	#	84
87) Benzo(b)fluoranthene	22.31	252	399446	38.48	ng	#	97
88) Benzo(k)fluoranthene	22.34	252	398728m	43.97	ng		
89) Benzo(a)pyrene	22.65	252	355060	38.78	ng	#	96
90) Dibenzo(a,h)anthracene	23.81	278	354428	42.19	ng		98
91) Benzo(g,h,i)perylene	24.05	276	349261	41.82	ng	#	95

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

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