Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080882.D
Acq On : 6 Aug 2015 10:23
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:13:50 AM

Quant Time: Aug 06 10:53:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	60282	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	266542	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	118821	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	249584	20.00	ng		0.00
75) Chrysene-d12	13.96	240	220549	20.00	ng		0.00
86) Perylene-d12	15.37	264	197002	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	292867	73.53	ng		-0.03
7) Phenol-d6	6.44	99	419616	80.59	ng		-0.01
23) Nitrobenzene-d5	7.38	82	404771	71.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	96350	84.09	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	627177	71.08	ng		-0.01
78) Terphenyl-d14	12.91	244	725991	59.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	75321	38.58	ng		98
3) Pyridine	3.05	79	243379	45.22	ng		99
4) n-Nitrosodimethylamine	3.00	42	119909	43.44	ng		95
6) Aniline	6.48	93	328288	43.33	ng		96
8) 2-Chlorophenol	6.59	128	173154	38.81	ng	#	78
9) Benzaldehyde	6.35	77	146204	40.25	ng		92
10) Phenol	6.45	94	226084	36.49	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	185104	40.01	ng		94
12) 1,3-Dichlorobenzene	6.75	146	191405	40.03	ng		96
13) 1,4-Dichlorobenzene	6.83	146	202485	42.20	ng		97
14) 1,2-Dichlorobenzene	6.83	146	202485	44.72	ng		97
15) Benzyl Alcohol	6.96	79	173412	50.99	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	385513	43.06	ng		98
17) 2-Methylphenol	7.07	107	158541	40.57	ng		98
18) Hexachloroethane	7.32	117	73250	40.16	ng	#	76
19) n-Nitroso-di-n-propylamine	7.23	70	150498	44.74	ng		95
20) 3+4-Methylphenols	7.23	107	207779	45.85	ng	#	86
22) Acetophenone	7.23	105	266366	40.92	ng	#	89
24) Nitrobenzene	7.40	77	247988	42.28	ng		96
25) Isophorone	7.64	82	415525	41.46	ng		96
26) 2-Nitrophenol	7.71	139	91196	37.90	ng		94
27) 2,4-Dimethylphenol	7.76	122	179250	40.01	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	245075	39.77	ng		98
29) 2,4-Dichlorophenol	7.96	162	145316	39.29	ng	#	85
30) 1,2,4-Trichlorobenzene	8.04	180	160650	38.17	ng		98
31) Naphthalene	8.12	128	563389	38.81	ng		99
32) Benzoic acid	7.88	122	119483	39.81	ng		98
33) 4-Chloroaniline	8.17	127	216452	38.12	ng		96
34) Hexachlorobutadiene	8.25	225	91154	37.99	ng		95
35) Caprolactam	8.56	113	56441	53.44	ng	#	74
36) 4-Chloro-3-methylphenol	8.66	107	179320	44.19	ng		88
37) 2-Methylnaphthalene	8.81	142	330772	38.02	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	159098	39.24	ng		97
40) Hexachlorocyclopentadiene	8.97	237	96439	39.60	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	112925	41.09	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	115305	41.83	ng	#	88
45) 1,1'-Biphenyl	9.28	154	426850	38.97	ng		96
46) 2-Chloronaphthalene	9.30	162	326836	38.36	ng		94
47) 2-Nitroaniline	9.39	65	124245	40.06	ng	#	85
48) Acenaphthylene	9.71	152	523170	37.32	ng		99
49) Dimethylphthalate	9.58	163	419866	48.45	ng		99
50) 2,6-Dinitrotoluene	9.64	165	91382	50.42	ng	#	82
51) Acenaphthene	9.88	154	323248	38.36	ng		99
52) 3-Nitroaniline	9.80	138	98455	43.98	ng	#	69
53) 2,4-Dinitrophenol	9.90	184	41883	40.53	ng	#	35
54) Dibenzofuran	10.05	168	433440	38.57	ng		93
55) 4-Nitrophenol	9.96	139	74643	47.40	ng		93
56) 2,4-Dinitrotoluene	10.04	165	126750	55.40	ng		89
57) Fluorene	10.40	166	340265	39.65	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	87218	44.09	ng		98
59) Diethylphthalate	10.28	149	437303	50.97	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	172708	49.54	ng	#	80
61) 4-Nitroaniline	10.42	138	102411	51.26	ng		91
62) Azobenzene	10.56	77	472575	47.10	ng		87
64) 4,6-Dinitro-2-methylphenol	10.44	198	59611	37.13	ng	#	1
65) n-Nitrosodiphenylamine	10.51	169	315471	32.99	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	96065	34.78	ng	#	81
67) Hexachlorobenzene	10.94	284	116294	38.55	ng	#	77
68) Atrazine	11.04	200	88497	35.56	ng		93
69) Pentachlorophenol	11.14	266	69172	42.07	ng		97
70) Phenanthrene	11.36	178	570521	39.56	ng		99
71) Anthracene	11.40	178	523617	37.37	ng		99
72) Carbazole	11.56	167	549098	41.54	ng		98
73) Di-n-butylphthalate	11.89	149	627149	40.07	ng		99
74) Fluoranthene	12.53	202	564531	40.19	ng		96
76) Benzidine	12.66	184	314767	29.49	ng		98
77) Pyrene	12.76	202	588604	29.75	ng		99
79) Butylbenzylphthalate	13.39	149	310773	38.41	ng	#	82
80) Benzo(a)anthracene	13.95	228	489339	33.17	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	194321	35.45	ng	#	95
82) Chrysene	13.99	228	458235	30.48	ng		97
83) Bis(2-ethylhexyl)phthalate	13.95	149	397748	36.81	ng	#	97
84) Di-n-octyl phthalate	14.56	149	687398	37.85	ng		97
85) Indeno(1,2,3-cd)pyrene	16.73	276	490284	39.72	ng		99
87) Benzo(b)fluoranthene	14.97	252	503558	34.17	ng		98
88) Benzo(k)fluoranthene	15.00	252	493671m	43.52	ng		
89) Benzo(a)pyrene	15.31	252	466768	38.81	ng	#	97
90) Dibenzo(a,h)anthracene	16.75	278	404922	38.75	ng	#	95
91) Benzo(g,h,i)perylene	17.14	276	391917	38.80	ng		98

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

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