Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081456.D
Acq On : 5 Sep 2015 10:42
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 02:47:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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9/8/2015 1:57:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	63143	20.00	ng		-0.02
21) Naphthalene-d8	7.66	136	249555	20.00	ng		-0.02
38) Acenaphthene-d10	9.39	164	119557	20.00	ng		-0.02
63) Phenanthrene-d10	10.86	188	233600	20.00	ng		-0.02
75) Chrysene-d12	13.46	240	178191	20.00	ng		-0.03
86) Perylene-d12	14.77	264	127136	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.89	112	333667	81.99	ng		-0.03
7) Phenol-d6	6.03	99	430883	79.99	ng		-0.02
23) Nitrobenzene-d5	6.95	82	443775	85.80	ng		-0.02
41) 2,4,6-Tribromophenol	10.18	330	85480	80.30	ng		-0.02
44) 2-Fluorobiphenyl	8.73	172	680420	72.93	ng		-0.03
78) Terphenyl-d14	12.43	244	583081	76.17	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.67	88	73565	40.25	ng		95
3) Pyridine	2.20	79	222376	44.12	ng	#	86
4) n-Nitrosodimethylamine	2.18	42	114983	41.07	ng	#	75
6) Aniline	6.02	93	311410	40.94	ng	#	81
8) 2-Chlorophenol	6.15	128	189408	42.24	ng		90
9) Benzaldehyde	5.90	77	132566	39.27	ng	#	77
10) Phenol	6.04	94	257088	41.15	ng	#	53
11) bis(2-Chloroethyl)ether	6.11	93	175698	38.98	ng		87
12) 1,3-Dichlorobenzene	6.30	146	199279	41.59	ng	#	92
13) 1,4-Dichlorobenzene	6.38	146	197181	40.42	ng	#	90
14) 1,2-Dichlorobenzene	6.54	146	170390	38.79	ng		97
15) Benzyl Alcohol	6.52	79	174632	39.52	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	6.67	45	361228	41.81	ng		83
17) 2-Methylphenol	6.66	107	151994	42.48	ng	#	76
18) Hexachloroethane	6.87	117	74902	39.46	ng		94
19) n-Nitroso-di-n-propylamine	6.81	70	154379	42.11	ng	#	85
20) 3+4-Methylphenols	6.82	107	192579	39.92	ng		89
22) Acetophenone	6.80	105	269605	39.55	ng	#	85
24) Nitrobenzene	6.96	77	198389	36.93	ng	#	60
25) Isophorone	7.21	82	387241	40.25	ng	#	85
26) 2-Nitrophenol	7.28	139	97551	41.67	ng	#	40
27) 2,4-Dimethylphenol	7.35	122	172791	42.73	ng	#	85
28) bis(2-Chloroethoxy)methane	7.44	93	217538	39.15	ng	#	94
29) 2,4-Dichlorophenol	7.53	162	146173	41.69	ng		95
30) 1,2,4-Trichlorobenzene	7.60	180	157228	41.27	ng		95
31) Naphthalene	7.68	128	505294	37.97	ng		100
32) Benzoic acid	7.51	122	90238	32.14	ng	#	53
33) 4-Chloroaniline	7.74	127	197229	36.33	ng	#	79
34) Hexachlorobutadiene	7.80	225	97777	42.18	ng		99
35) Caprolactam	8.14	113	45946	42.72	ng	#	47
36) 4-Chloro-3-methylphenol	8.24	107	157499	40.13	ng	#	69
37) 2-Methylnaphthalene	8.36	142	362435	41.85	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	138455	36.62	ng		99
40) Hexachlorocyclopentadiene	8.51	237	64349	34.68	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	96505	36.98	ng		99
43) 2,4,5-Trichlorophenol	8.70	196	106477	40.00	ng	#	91
45) 1,1'-Biphenyl	8.83	154	444343	40.40	ng		95
46) 2-Chloronaphthalene	8.84	162	278565	35.07	ng	#	86
47) 2-Nitroaniline	8.96	65	140146	43.29	ng	#	68
48) Acenaphthylene	9.26	152	552385	39.20	ng		97
49) Dimethylphthalate	9.15	163	377066	40.59	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	78992	37.47	ng		92
51) Acenaphthene	9.43	154	329114	41.05	ng		92
52) 3-Nitroaniline	9.37	138	95407	39.75	ng	#	50
53) 2,4-Dinitrophenol	9.47	184	33211	37.40	ng	#	1
54) Dibenzofuran	9.60	168	457343	39.07	ng	#	90
55) 4-Nitrophenol	9.55	139	51597m	34.22	ng		
56) 2,4-Dinitrotoluene	9.60	165	94645	35.26	ng	#	13
57) Fluorene	9.93	166	314830	35.44	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	85226	41.93	ng		91
59) Diethylphthalate	9.84	149	349089	35.73	ng		93
60) 4-Chlorophenyl-phenylether	9.94	204	171524	41.43	ng		97
61) 4-Nitroaniline	9.98	138	80832	33.33	ng	#	20
62) Azobenzene	10.09	77	385995	35.53	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.01	198	57207	43.78	ng		88
65) n-Nitrosodiphenylamine	10.07	169	307544	36.18	ng		91
66) 4-Bromophenyl-phenylether	10.42	248	99754	42.23	ng		95
67) Hexachlorobenzene	10.48	284	100435	40.67	ng	#	79
68) Atrazine	10.60	200	99114	40.29	ng		82
69) Pentachlorophenol	10.67	266	49122	45.14	ng		98
70) Phenanthrene	10.88	178	498054	38.35	ng		97
71) Anthracene	10.94	178	503584	37.74	ng		99
72) Carbazole	11.10	167	489883	39.13	ng		96
73) Di-n-butylphthalate	11.45	149	622167	42.08	ng	#	98
74) Fluoranthene	12.04	202	514972	36.63	ng		92
76) Benzidine	12.19	184	243583	31.84	ng		99
77) Pyrene	12.27	202	571694	43.31	ng		98
79) Butylbenzylphthalate	12.93	149	255605	44.53	ng		92
80) Benzo(a)anthracene	13.45	228	433543	38.20	ng		96
81) 3,3'-Dichlorobenzidine	13.43	252	128932	33.68	ng	#	95
82) Chrysene	13.49	228	355323	34.93	ng		95
83) Bis(2-ethylhexyl)phthalate	13.49	149	293945	38.80	ng	#	89
84) Di-n-octyl phthalate	14.09	149	454775	36.46	ng		98
85) Indeno(1,2,3-cd)pyrene	15.84	276	315148	42.23	ng	#	85
87) Benzo(b)fluoranthene	14.45	252	386747m	42.61	ng		
88) Benzo(k)fluoranthene	14.47	252	269801m	35.82	ng		
89) Benzo(a)pyrene	14.72	252	289047	37.58	ng	#	86
90) Dibenzo(a,h)anthracene	15.85	278	261038	43.92	ng	#	82
91) Benzo(g,h,i)perylene	16.16	276	251726	44.38	ng	#	74

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

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