Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081296.D
Acq On : 30 Aug 2015 4:05
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:59:45 PM

Quant Time: Aug 31 03:03:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 00:56:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	65610	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	258707	20.00	ng		0.00
38) Acenaphthene-d10	9.52	164	120618	20.00	ng		0.00
63) Phenanthrene-d10	10.98	188	213942	20.00	ng		0.00
75) Chrysene-d12	13.60	240	138906	20.00	ng		0.00
86) Perylene-d12	14.93	264	121214	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	370201	84.87	ng		0.02
7) Phenol-d6	6.16	99	438267	77.00	ng		0.02
23) Nitrobenzene-d5	7.06	82	461209	81.44	ng		0.00
41) 2,4,6-Tribromophenol	10.31	330	83740	80.09	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	618393	67.18	ng		0.00
78) Terphenyl-d14	12.57	244	610796	94.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	86093	41.88	ng	#	89
3) Pyridine	2.46	79	217887	37.56	ng	#	81
4) n-Nitrosodimethylamine	2.42	42	135075	41.82	ng	#	77
6) Aniline	6.15	93	315972	38.18	ng		93
8) 2-Chlorophenol	6.27	128	200211	41.93	ng		92
9) Benzaldehyde	6.02	77	142831	38.93	ng		98
10) Phenol	6.17	94	274028	40.77	ng	#	74
11) bis(2-Chloroethyl)ether	6.24	93	214304	41.55	ng		97
12) 1,3-Dichlorobenzene	6.42	146	205087	39.98	ng		94
13) 1,4-Dichlorobenzene	6.50	146	208479	41.04	ng		96
14) 1,2-Dichlorobenzene	6.66	146	173272m	36.44	ng		
15) Benzyl Alcohol	6.65	79	170971	37.13	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.79	45	381115	37.60	ng		76
17) 2-Methylphenol	6.78	107	150127	36.65	ng		94
18) Hexachloroethane	6.99	117	83980	40.91	ng		97
19) n-Nitroso-di-n-propylamine	6.94	70	177227	44.95	ng	#	84
20) 3+4-Methylphenols	6.94	107	195692	37.63	ng	#	46
22) Acetophenone	6.91	105	268574	39.54	ng	#	87
24) Nitrobenzene	7.09	77	249536	42.14	ng		97
25) Isophorone	7.34	82	439243	41.59	ng		96
26) 2-Nitrophenol	7.39	139	97039	39.41	ng		91
27) 2,4-Dimethylphenol	7.46	122	165770	38.05	ng		95
28) bis(2-Chloroethoxy)methane	7.55	93	272241	43.63	ng		99
29) 2,4-Dichlorophenol	7.66	162	142228	38.78	ng		97
30) 1,2,4-Trichlorobenzene	7.73	180	168852	41.42	ng		98
31) Naphthalene	7.79	128	508104	35.23	ng		99
32) Benzoic acid	7.62	122	99312	40.53	ng		94
33) 4-Chloroaniline	7.86	127	243724	40.05	ng		92
34) Hexachlorobutadiene	7.92	225	96969	42.07	ng		98
35) Caprolactam	8.26	113	50935	39.73	ng	#	81
36) 4-Chloro-3-methylphenol	8.37	107	184801	42.28	ng		99
37) 2-Methylnaphthalene	8.49	142	379523	41.66	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	135040	34.70	ng		97
40) Hexachlorocyclopentadiene	8.64	237	56414	28.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	106605	38.78	ng		97
43) 2,4,5-Trichlorophenol	8.82	196	109660	39.91	ng		97
45) 1,1'-Biphenyl	8.96	154	398792	37.54	ng		98
46) 2-Chloronaphthalene	8.97	162	295093	34.57	ng	#	92
47) 2-Nitroaniline	9.09	65	145750	41.73	ng	#	70
48) Acenaphthylene	9.38	152	556266	36.43	ng		98
49) Dimethylphthalate	9.27	163	380485	38.30	ng		99
50) 2,6-Dinitrotoluene	9.33	165	69456	32.57	ng	#	62
51) Acenaphthene	9.55	154	313883	34.34	ng		99
52) 3-Nitroaniline	9.50	138	109312	40.96	ng		91
53) 2,4-Dinitrophenol	9.60	184	17736	19.63	ng	#	70
54) Dibenzofuran	9.73	168	462363	37.75	ng		96
55) 4-Nitrophenol	9.68	139	62141	33.15	ng	#	76
56) 2,4-Dinitrotoluene	9.73	165	88812	31.42	ng	#	58
57) Fluorene	10.07	166	342440	36.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	76300m	35.88	ng		
59) Diethylphthalate	9.97	149	431266	41.02	ng		97
60) 4-Chlorophenyl-phenylether	10.07	204	150754	37.81	ng	#	77
61) 4-Nitroaniline	10.10	138	89483	32.80	ng		93
62) Azobenzene	10.22	77	409503	33.80	ng		97
64) 4,6-Dinitro-2-methylphenol	10.14	198	29063	22.75	ng	#	48
65) n-Nitrosodiphenylamine	10.18	169	304171	39.83	ng		98
66) 4-Bromophenyl-phenylether	10.55	248	94182	44.81	ng	#	83
67) Hexachlorobenzene	10.61	284	94242	44.28	ng		96
68) Atrazine	10.72	200	89805	42.21	ng		97
69) Pentachlorophenol	10.80	266	26281	20.58	ng		99
70) Phenanthrene	11.02	178	482679	38.07	ng		100
71) Anthracene	11.06	178	488301	39.58	ng		99
72) Carbazole	11.22	167	398493	33.55	ng		98
73) Di-n-butylphthalate	11.58	149	657608	45.75	ng		99
74) Fluoranthene	12.18	202	429405	31.38	ng		93
76) Benzidine	12.32	184	185787	35.41	ng		99
77) Pyrene	12.41	202	496534	43.97	ng		100
79) Butylbenzylphthalate	13.05	149	234622	48.34	ng	#	71
80) Benzo(a)anthracene	13.59	228	353454	37.94	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	108041	35.81	ng		98
82) Chrysene	13.62	228	273159	32.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	305967	49.21	ng	#	96
84) Di-n-octyl phthalate	14.23	149	499530	52.86	ng		98
85) Indeno(1,2,3-cd)pyrene	16.08	276	336277	57.05	ng	#	95
87) Benzo(b)fluoranthene	14.58	252	320579m	37.39	ng		
88) Benzo(k)fluoranthene	14.61	252	249676m	31.25	ng		
89) Benzo(a)pyrene	14.87	252	289478	38.75	ng	#	94
90) Dibenzo(a,h)anthracene	16.09	278	271547	46.65	ng	#	96
91) Benzo(g,h,i)perylene	16.42	276	271744	46.01	ng	#	95

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

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