Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081081.D
Acq On : 19 Aug 2015 12:44
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:19:19 PM

Quant Time: Aug 19 13:43:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	58156	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	245906	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	116409	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	228270	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	131534	20.00	ng		-0.02
86) Perylene-d12	15.07	264	130514	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	283099	73.22	ng		-0.02
7) Phenol-d6	6.25	99	405910	80.46	ng		-0.01
23) Nitrobenzene-d5	7.18	82	411112	76.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	71100	70.46	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	598788	67.40	ng		-0.02
78) Terphenyl-d14	12.70	244	679254	110.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	30667m	16.83	ng		
3) Pyridine	2.63	79	218442	42.48	ng		89
4) n-Nitrosodimethylamine	2.59	42	113479	39.63	ng	#	75
6) Aniline	6.27	93	292686	39.90	ng	#	69
8) 2-Chlorophenol	6.39	128	175265	41.41	ng		97
9) Benzaldehyde	6.15	77	134065	41.22	ng		94
10) Phenol	6.27	94	230091	38.62	ng		97
11) bis(2-Chloroethyl)ether	6.35	93	191359	41.86	ng		96
12) 1,3-Dichlorobenzene	6.55	146	187648	41.26	ng		98
13) 1,4-Dichlorobenzene	6.63	146	193493	42.97	ng		98
14) 1,2-Dichlorobenzene	6.78	146	160816	38.16	ng		97
15) Benzyl Alcohol	6.76	79	177943	43.60	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	351742	39.15	ng		100
17) 2-Methylphenol	6.88	107	138617	38.17	ng		94
18) Hexachloroethane	7.12	117	74092	40.72	ng		99
19) n-Nitroso-di-n-propylamine	7.04	70	139445	39.90	ng		90
20) 3+4-Methylphenols	7.04	107	179625	38.97	ng	#	51
22) Acetophenone	7.03	105	233848	36.22	ng	#	90
24) Nitrobenzene	7.20	77	221434	39.34	ng		97
25) Isophorone	7.44	82	390661	38.92	ng		98
26) 2-Nitrophenol	7.52	139	99194	42.38	ng	#	65
27) 2,4-Dimethylphenol	7.56	122	145058	35.03	ng		96
28) bis(2-Chloroethoxy)methane	7.67	93	221952	37.43	ng	#	98
29) 2,4-Dichlorophenol	7.76	162	135682	38.92	ng		89
30) 1,2,4-Trichlorobenzene	7.84	180	144240	37.23	ng		97
31) Naphthalene	7.92	128	555822	40.55	ng		99
32) Benzoic acid	7.69	122	89848	38.57	ng		94
33) 4-Chloroaniline	7.98	127	239792	41.46	ng	#	85
34) Hexachlorobutadiene	8.04	225	86772	39.60	ng		97
35) Caprolactam	8.35	113	48022	39.41	ng	#	90
36) 4-Chloro-3-methylphenol	8.46	107	168084	40.45	ng		94
37) 2-Methylnaphthalene	8.60	142	320622	37.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	148852	39.63	ng		99
40) Hexachlorocyclopentadiene	8.76	237	47879	24.63	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	106772	40.24	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	105037	39.61	ng	#	88
45) 1,1'-Biphenyl	9.07	154	432522	42.18	ng		98
46) 2-Chloronaphthalene	9.10	162	318184	38.63	ng		99
47) 2-Nitroaniline	9.19	65	117250	34.78	ng		98
48) Acenaphthylene	9.51	152	526241	35.71	ng		100
49) Dimethylphthalate	9.38	163	366221	38.20	ng		100
50) 2,6-Dinitrotoluene	9.44	165	82125	39.90	ng	#	85
51) Acenaphthene	9.68	154	332960	37.74	ng		99
52) 3-Nitroaniline	9.60	138	90876	35.28	ng		96
53) 2,4-Dinitrophenol	9.70	184	19881	22.22	ng		97
54) Dibenzofuran	9.84	168	413794	35.00	ng		92
55) 4-Nitrophenol	9.77	139	72753	40.22	ng	#	70
56) 2,4-Dinitrotoluene	9.84	165	118437	43.41	ng		92
57) Fluorene	10.18	166	317768	34.94	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	82379m	40.14	ng		
59) Diethylphthalate	10.08	149	421845	41.57	ng		95
60) 4-Chlorophenyl-phenylether	10.18	204	148514	38.59	ng		98
61) 4-Nitroaniline	10.22	138	112193	42.62	ng		83
62) Azobenzene	10.34	77	487690	41.71	ng		95
64) 4,6-Dinitro-2-methylphenol	10.24	198	34471	25.29	ng		86
65) n-Nitrosodiphenylamine	10.31	169	336446	41.29	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	92546	41.27	ng		97
67) Hexachlorobenzene	10.73	284	96068	42.30	ng		92
68) Atrazine	10.83	200	81199	35.77	ng		99
69) Pentachlorophenol	10.92	266	45628	33.49	ng		97
70) Phenanthrene	11.13	178	479090	35.41	ng		99
71) Anthracene	11.19	178	546777	41.53	ng		99
72) Carbazole	11.35	167	541020	42.69	ng		99
73) Di-n-butylphthalate	11.69	149	680305	44.36	ng		99
74) Fluoranthene	12.31	202	483767	33.14	ng		91
76) Benzidine	12.45	184	269736	54.29	ng		99
77) Pyrene	12.54	202	520554	48.68	ng		99
79) Butylbenzylphthalate	13.18	149	276147	60.08	ng		91
80) Benzo(a)anthracene	13.71	228	362766	41.12	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	126749	44.36	ng	#	97
82) Chrysene	13.76	228	346927	43.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	358307	60.86	ng	#	100
84) Di-n-octyl phthalate	14.34	149	529681	59.19	ng		100
85) Indeno(1,2,3-cd)pyrene	16.30	276	350617	62.82	ng	#	94
87) Benzo(b)fluoranthene	14.71	252	421399m	45.65	ng		
88) Benzo(k)fluoranthene	14.74	252	213997m	24.88	ng		
89) Benzo(a)pyrene	15.02	252	294449	36.60	ng	#	94
90) Dibenzo(a,h)anthracene	16.31	278	292044	46.59	ng	#	94
91) Benzo(g,h,i)perylene	16.66	276	277835	43.69	ng	#	94

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

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