Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
Data File : BF083865.D
Acq On : 17 Dec 2015 3:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:35:01 PM

Quant Time: Dec 17 06:07:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	102387	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	406252	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	193286	20.00	ng		-0.02
63) Phenanthrene-d10	11.41	188	337121	20.00	ng		-0.03
75) Chrysene-d12	14.05	240	222566	20.00	ng		-0.02
86) Perylene-d12	15.49	264	201144	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	484050	76.27	ng		-0.03
7) Phenol-d6	6.53	99	613369	76.32	ng		-0.01
23) Nitrobenzene-d5	7.46	82	555541	76.51	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	172634	87.65	ng		-0.02
44) 2-Fluorobiphenyl	9.25	172	1063983	78.92	ng		-0.03
78) Terphenyl-d14	13.00	244	918442	88.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	115049	37.49	ng	#	78
3) Pyridine	3.23	79	309044	40.02	ng		85
4) n-Nitrosodimethylamine	3.18	42	109816	37.59	ng	#	63
6) Aniline	6.56	93	415717	38.08	ng	#	87
8) 2-Chlorophenol	6.68	128	311615	41.78	ng		84
9) Benzaldehyde	6.44	77	170608	39.53	ng		81
10) Phenol	6.54	94	335985	36.32	ng		93
11) bis(2-Chloroethyl)ether	6.64	93	277311	41.39	ng	#	82
12) 1,3-Dichlorobenzene	6.91	146	321139	40.57	ng		98
13) 1,4-Dichlorobenzene	6.91	146	321139	40.15	ng		99
14) 1,2-Dichlorobenzene	7.07	146	317007	44.11	ng		99
15) Benzyl Alcohol	7.04	79	216384	36.65	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	292235	33.59	ng		72
17) 2-Methylphenol	7.15	107	233324	38.91	ng	#	85
18) Hexachloroethane	7.41	117	118889	41.86	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	176811	35.93	ng		92
20) 3+4-Methylphenols	7.31	107	277048	39.14	ng	#	59
22) Acetophenone	7.31	105	392766	39.41	ng	#	99
24) Nitrobenzene	7.48	77	330972	43.79	ng	#	84
25) Isophorone	7.72	82	544422	38.21	ng	#	92
26) 2-Nitrophenol	7.79	139	149411	41.15	ng	#	91
27) 2,4-Dimethylphenol	7.84	122	258043	36.17	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	292372	35.97	ng		98
29) 2,4-Dichlorophenol	8.04	162	251085	42.87	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	241951	39.84	ng		97
31) Naphthalene	8.20	128	791732	37.39	ng		98
32) Benzoic acid	7.96	122	112399	25.28	ng		91
33) 4-Chloroaniline	8.25	127	325437	37.62	ng	#	92
34) Hexachlorobutadiene	8.33	225	151729	45.53	ng		97
35) Caprolactam	8.62	113	76452	40.65	ng	#	65
36) 4-Chloro-3-methylphenol	8.74	107	280605	40.96	ng	#	82
37) 2-Methylnaphthalene	8.90	142	539269	40.56	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	219943	38.57	ng	#	100
40) Hexachlorocyclopentadiene	9.05	237	57261	19.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	162718	38.99	ng		97
43) 2,4,5-Trichlorophenol	9.21	196	156123	39.43	ng	#	86
45) 1,1'-Biphenyl	9.36	154	632836	36.94	ng		97
46) 2-Chloronaphthalene	9.38	162	482061	38.12	ng	#	90
47) 2-Nitroaniline	9.47	65	130117	36.28	ng	#	82
48) Acenaphthylene	9.80	152	839193	39.45	ng		100
49) Dimethylphthalate	9.66	163	660504	43.83	ng		98
50) 2,6-Dinitrotoluene	9.72	165	151119	47.25	ng	#	66
51) Acenaphthene	9.97	154	523191	40.68	ng		99
52) 3-Nitroaniline	9.88	138	136710	37.08	ng		88
53) 2,4-Dinitrophenol	10.00	184	37212	31.86	ng	#	68
54) Dibenzofuran	10.14	168	676797	39.72	ng		100
55) 4-Nitrophenol	10.04	139	90859	33.28	ng		89
56) 2,4-Dinitrotoluene	10.12	165	174129	41.68	ng	#	77
57) Fluorene	10.49	166	514511	38.34	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	123207	41.49	ng	#	100
59) Diethylphthalate	10.36	149	632536	41.46	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	259114	42.35	ng		98
61) 4-Nitroaniline	10.50	138	128594	39.57	ng		89
62) Azobenzene	10.64	77	559311	40.22	ng		89
64) 4,6-Dinitro-2-methylphenol	10.53	198	82794	43.16	ng	#	65
65) n-Nitrosodiphenylamine	10.59	169	441303	38.28	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	167704	44.49	ng	#	89
67) Hexachlorobenzene	11.04	284	179246	43.95	ng	#	87
68) Atrazine	11.12	200	131931	40.22	ng		97
69) Pentachlorophenol	11.22	266	73057	31.76	ng		99
70) Phenanthrene	11.44	178	755521	42.19	ng		99
71) Anthracene	11.49	178	732808	39.40	ng		99
72) Carbazole	11.64	167	649095	37.45	ng	#	96
73) Di-n-butylphthalate	11.98	149	944184	44.86	ng	#	98
74) Fluoranthene	12.62	202	700987	37.88	ng		98
76) Benzidine	12.74	184	315368	46.50	ng		97
77) Pyrene	12.85	202	690493	39.25	ng		99
79) Butylbenzylphthalate	13.47	149	320806	42.49	ng		98
80) Benzo(a)anthracene	14.04	228	525130	41.49	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	183986	40.30	ng	#	98
82) Chrysene	14.08	228	448642	36.34	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	395412	46.02	ng	#	95
84) Di-n-octyl phthalate	14.65	149	639871	46.86	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	616172	50.83	ng	#	100
87) Benzo(b)fluoranthene	15.08	252	513949	40.05	ng		98
88) Benzo(k)fluoranthene	15.11	252	414814m	35.68	ng		
89) Benzo(a)pyrene	15.44	252	470083	41.05	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	509596	44.75	ng		97
91) Benzo(g,h,i)perylene	17.37	276	518291	44.28	ng		99

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

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